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HoToGAMIT XIV

How To Get Around MIT

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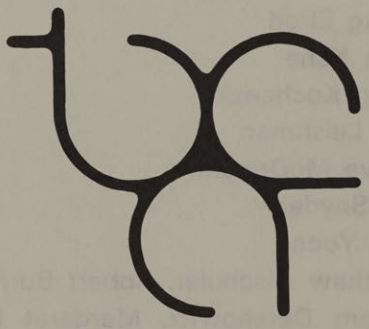
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Man, unlike any other thing organic or inorganic in the universe, grows beyond his work, walks up the stairs of his concepts, emerges ahead of his accomplishements.
— John Steinbeck



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About This Book . . .

HoToGAMIT is written and published by the Technology Community Association (TCA) as an introductory handbook for all new members of the MIT community and as a quick reference guide to MIT and the Boston area. Although TCA is primarily a student organization, employees, faculty, and other members of the MIT community all work on the book to make it as up-to-date and useful as possible. If you would like to help with next year's edition, or have updated and improved information, please send us a feedback sheet. An ample supply of feedback sheets is attached in the back of the book.

HoToGAMIT is distributed to all freshmen by the Undergraduate Academic Support Office. Extra copies are available from TCA (W20-450, x3-4885) at $3.00.

The text is organized into four sections. *Help!!* is a guide for those having difficulties of virtually any type. *All About MIT* is exactly that: academia, housing options, student activities and paying your tuition ($8700 is TDM). *In and Around Boston* tells you how to get from here to there as well as where to eat, where to shop, and where to go once you're there. Finally, *etc.* are odds and ends that don't really fit in anywhere else — like the MIT Drinking Song and a guide to Bostonian and MIT phraseology, as well as a list of all the building names, their architects and their corresponding numbers (for all you trivia buffs).

HoToGAMIT would like to express its appreciation to the following people, for doing more than they ever bargained for: Glenn Curtis, Bill Coney, Steve Immerman, Chris Pass, Leo, Wendy Rowe, Peter Tu, Dale Worley, and especially Debbie Morris.

Knowledge comes, but wisdom lingers.

— Tennyson

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NATURAL

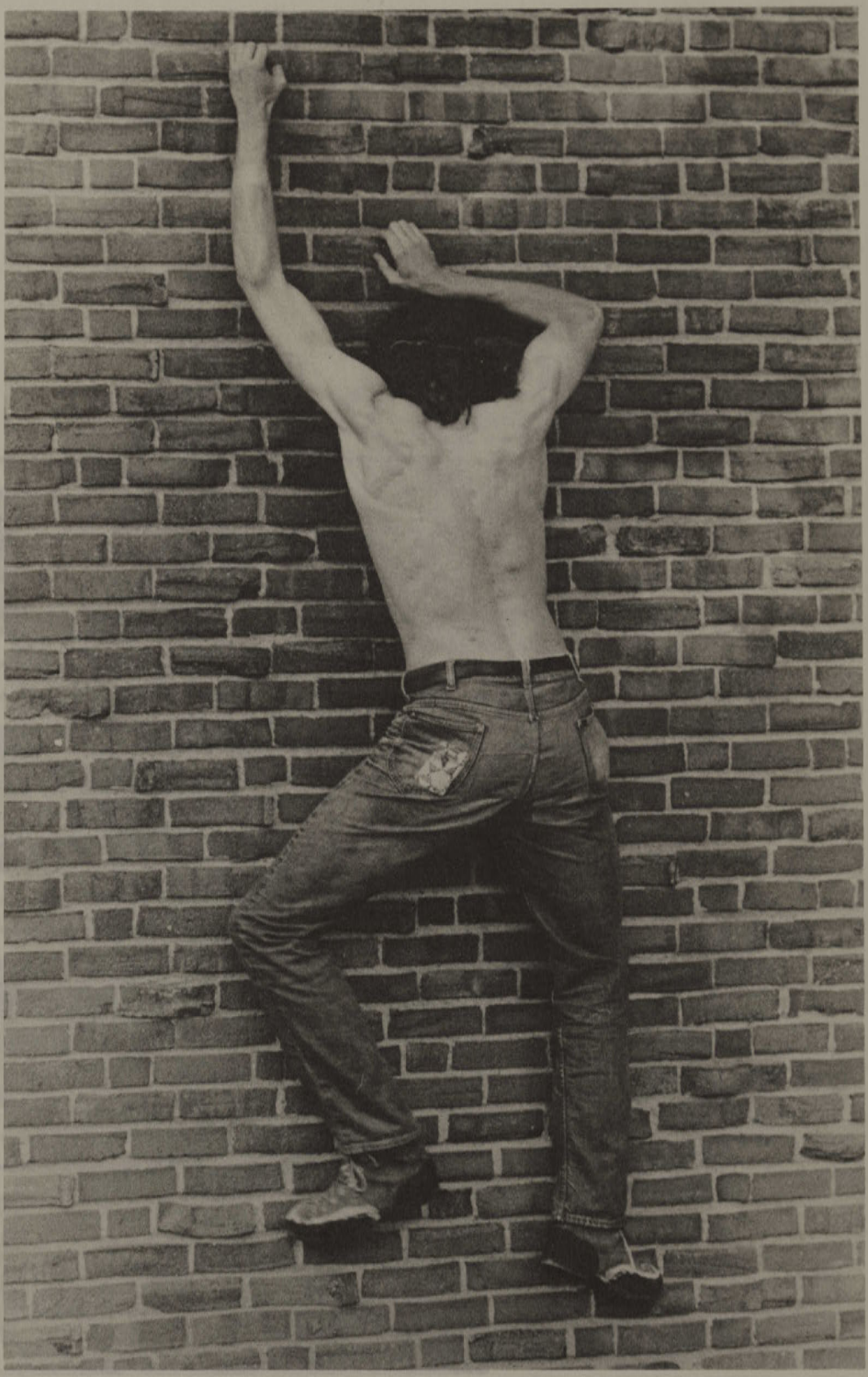
To aid you in using this book, black index markings have been added to indicate the location of each chapter. Refer to this page whenever you wish to find a certain section quickly.

HELP!!

ALL ABOUT MIT

IN AND AROUND BOSTON

etc.



Help!!

Emergency Info 2
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Emergency Information

FIRE, MEDICAL, POLICE

Call x100 or dl100. Your call goes to Campus Police who can transport you to the Medical Department. Emergency medical care after office hours is available at the Medical Department (E23). Ambulance Service is availible from Campus Police 24 hours a day. If you are not in the dormlineentrex system, dial 911 for help.

PHYSICIAN, SURGEON, PSYCHIATRIST

The Medical Department (Building E23, x3-1311 or x3-4485) always has a physician, a surgeon, and a psychiatrist on call. The psychiatrist especially can be consulted in confidence about anything from home troubles to a bad trip.

ARREST

If you are arrested, call Campus Police (253-2996, or x3-2996. Lest you forget, the number is on the back of your ID card). In nearly all cases, Campus Police will help you seek release from custody on personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty — ask for a "continuance." (Campus Police will explain this and more when you call.)

DEAN ON CALL

There is always a dean on call, even after office hours. To reach him or her for any reason call Campus Police (253-2996, or x3-2996) and ask for the Dean on Call.

MONEY

During Office Hours

Undergrads: Go to the Financial Aid Office (5-119, x3-4974) to request a loan (which may be approved within a few minutes). Then go to the Student Accounts Office (E19-215, x3-4133, open 9-5), and finally to the Cashier's Office (10-180, open 9-3).

Alternatively, you can start at the Dean's Office (5-104, x3-4861 or 7-133, x3-6776).

Grads: You can get an advance on your fellowship money if necessary; go to the Graduate Student Office (3-136, x3-4860). If you are not on fellowship or need a loan, use the procedure described above for undergraduates.

After Hours

Contact the Dean-on-Call (see above), who can clear you for money from the Campus Police emergency fund. If you're off campus the money may even be wired to you.

PHYSICAL PLANT

Call x3-4948 (F-IXIT) anytime for problems, from electrical failure to floods.

Help!

At some time during your stay at MIT, you will encounter a problem that requires you to seek help. The Institute as well as the Boston/Cambridge community can provide many resources. There are numerous places to go and people to talk to when things go badly or when you just need someone with a little power to help you with your hassle.

Counseling

Office of the Dean for Student Affairs

The Office of the Dean for Student Affairs (ODSA) is actually composed of several offices. If you have a problem, or are faced with a serious question, or even a small question, the ODSA is a good place to go. The deans have an extensive knowledge of both the Institute and student problems. All of the deans are willing to talk with students; that's their job. They can direct you to helping resources, relay comments or complaints to the appropriate people or initiate a look into (and sometimes change of) established policies in your behalf.

The Dean's Office is concerned with the student's living and learning environment. It represents the interests and welfare of students, and is concerned with the growth of students both as individuals and as members of the academic community. It is the purpose of the Dean's Office to support and to complement the academic program at MIT.

At present, the Dean's Office is composed of four principal sections with these subsections:

1. Undergraduate Academic Support Office; Dean Holly Heine:
Freshman Advising
Undergraduate Seminars
Preprofessional Advising
Undesignated Sophomore Advising
Support to the Committee on Academic Performance
Academic Information Center
Registrar Branch Office
Registration Information Center

2. Student Assistance Services; Dean Robert Randolph
Student Counseling
International Students Office
Support to Minority Students
Support to Women Students

3. Student Activities and Facilities; Dean Robert Holden

4. Residence and Dining Programs; Dean Robert Sherwood

Undergraduate Academic Support Office; Room 7-103; x3-6771

The UASO has undergone several name changes as it has changed its role in the past several years. It was the Office of Freshman Advising (OFA), and before that the Freshman Advisory Council (FAC). If you hear any upperclassman refering to these other names, they refer to this same office, Room 7-103. And if you are getting confused by all the acronyms, don't lose heart. MIT lives on acronyms and you'll have to learn to live with them. Also, for the most part, the acronyms are non-ambiguous, which is nice, (but the order of letters is important and sometimes arbitrary.)

The UASO was primarily founded as a freshman advising office, but it hopes that in later years upperclassmen can think back and remember that this is where they can still get help as upperclassmen. This office supports the academic advisors, which are assigned to freshmen and undesignated sophomores from the entire faculty, and to upperclassmen with designated majors from their respective department's faculty. They also serve as an information center and registrar branch office for all undergrads. They have most of the forms and fact-sheets that you will ever need. And if they don't have them, they certainly know where to get them. The UASO says its policy is "removing the Institute screw," but don't always expect miracles.

This office also handles the Undergraduate Seminar program. Seminars often have more applicants than they can accept so advance registration is usually necessary. Stop by the office and pick up a list of the seminars being offered and a seminar preference form several months before the term in which you intend to take the seminar. Cancellations are acceptable, but it is requested that you notify the UASO immediately if you decide to cancel since that might open up a space for another person.

The Office also performs other functions such as publishing a freshman newsletter, and acting as an advisor for freshman class projects. They also handle the preprofessional advising program which is covered in depth in the **Academics** chapter of this book.

The UASO can accept materials which need to be delivered to the registrar's office. The people here know the answers to most registration-type questions, so you can save yourself a trip across campus by stopping in here.

Don't let anybody kid you. MIT is run by the secretaries.

— Anonymous

Student Assistance Services; Room 5-104; x3-4861

The staff in SAS assist both undergrad and grad students with a wide range of issues. The principal function of the office is to provide individual personal counseling services. This office is better equipped and designed to solve continuing or major problems, whereas the UASO is designed for short problems and quick solutions. International students, women, minority groups and handicapped students also receive special assistance fron this section of the Dean's office for programs and ideas especially concerned with their respective groups.

Students can call or visit the *Student Counseling* service (5-104x3-4861) to talk about their questions, plans, or problems. Be it academic, administrative, career, financial, family, residential, social, legal, or personal, the people in this service are interested in hearing from you. The staff of this office maintains close working relations with the psychiatric service (read the *Psychiatrists* section in this chapter before you make any pre-judged decisions about psychiatry) and with Nightline, the student-run help program (also described in this chapter).

The counseling staff handles withdrawals, readmissions, light academic loads, and excused absences from final examinations. Students are often referred to the counseling staff by their instructors, advisors, housemasters, and by fellow students. Because the Counseling staff meets with the Committee on Academic Performance, and has a cooperative relationship with the many Institute Offices, including Student Financial Aid, Student Accounts, Registrar, and the Medical Department, many students find it helpful to discuss with the Counselors issues involving these groups.

The Student Assistance section has special concerns for handicapped students, for minority students, for women students and for international students. *Handicapped students* should contact the Dean's Office (5-104,x3-4861) to help implement special arrangements which may be necessary to overcome barriers in the environment.

The SAS endeavors to enrich the social and educational experiences of *minority students* by providing assistance in organizing social and cultural events and special interest groups as well as by providing individual and group counseling and other support services. The goal is to foster awareness of racial, ethnic, and cultural diversity throughout the Institute, to increase positive social encounters between students and faculty, and to assist students in their learning and living experience.

This section also supports the academic and personal well-being of *women students* by developing and coordinating specific programs and by responding to the concerns of individual undergraduate and graduate women students. Its goal is to help ensure that the MIT environment will be supportive of women students and attractive to prospective women students.

The *International Students Office* (5-112,x3-3795) helps to coordinate programs and activities, provides support to various international student organizations, assists international students in matters relating to their immigration status, and provides support for the Host Family program, voluntarily run by the MIT Women's League. International students should consult with a member of the staff before taking any action which may affect their status in the United States.

The International Students Office also supports orientation activities for graduate international students. In addition to the support provided by this office, Ms. Charlotte Schwartz, sociologist in the Medical Department (12-127,x3-2916) will be glad to provide assistance or information to international students.

Student Activities and Facilities; Room W20-345; x3-7974

The Student Activities section of the Dean's Office provides support to the undergraduate and graduate student governments, as well as to a wide spectrum of extracurricular activities. If you have ideas for a new student activity, this is the office to get in touch with for help in getting it started. The Dean's Office recognizes the importance and value of student initiated programs, activities, and student-run organizations: they provide a wide variety of experiences which supplement academic learning. They also provide opportunities for recreation, leadership and types of learning that could never be found in a classroom.

This office also handles facilities scheduling for Kresge Auditorium, the Chapel, the Student Center, and Walker Memorial. Information about activities formation, location, space, and budgeting are also available here. Additionally, this office handles student parking, and transfer student orientation.

Residence and Dining Programs; Room 7-133; x3-4051

MIT's residence program tries to create a living space that facilitates personal and social growth, while at the same time supporting academic progress. The policies and facilities are made in the spirit of providing housing of high quality. They encourage responsible and constructive social behavior. Government (and therefore rules) within the dormitories and independent living groups is left to be decided by the residents (within the very broad latitudes set by Instiute policy.)

The staff in the residence section of the Dean's office administers Institute housing policy and coordinates the residential programs. They make dormitory assignments, handle room switches, and decide rent changes and adjustments. They also provide support (and some funding) to the faculty housemasters and graduate student tutors. They work with residential government groups on programs, problems, and issues of concern to the students.

The Dean's Office provides counsel to individual students on housing availability and options. There is great diversity in the life-styles and rules among the different dorms, and the Residence office can be useful in matching a student to a dorm with his or her particular interests or needs. This section of the Dean's Office also handles the Insitute Dining Program, and supports the independent living groups through a business advisor.

General

The secretaries in these offices also know a tremendous amount about MIT. By speaking with one of them first, you will probably save yourself a lot of running around.

As the Deans participate regularly in the Committee on Academic Performance meetings, it may be advantageous to talk to them about any petitions or other matters concerning you that would be before the Committee. One of the Deans can help the committee to understand your petition and the issues behind it.

Although the staff of each section works primarily in its respective area, feel free to talk to any of them. It is likely, though, that you will get greater satisfaction from a Dean whose duties or interest match your problem.

Drugs

While many people do go through MIT without being exposed to it, there is some drug activity at MIT, and for some people this will be their first contact with it. If you have a problem within your living group, see someone in confidential authority there, like a graduate tutor. Often a word or two in the right ear will solve the problem. By all means, if the problem persists, go through official channels — both the Campus Police and the Dean's Office can help without causing more problems than they solve.

If your interest is more speculative, two words of advice:

1. *Don't* assume the Campus Police will come for you before the authorities do. Contrary to common opinion, there is no "buffer zone" between students and the outside world.

2. Don't force anything. See what the scene is like before getting involved.

On a personal level, the Dean's office (5-104,x3-4861) offers completely confidential drug counseling. To supplement their services, the Science Library maintains technical reports on drug safety, while the Campus Police (W31,x3-2996) is always available to answer legal questions. The drug booklet published by the DSA is also informative. It is available from the UASO.

1. **Adverse Reactions:** In an emergency, call the Infirmary at x3-4481 — the psychiatrist on call will go over if possible. Campus Police will also provide help (restraint, transportation, reassurance), if called. *In any case, make sure the person in trouble is never left alone — doing so may cost his/her life.* For most cases, overnight care may be given at the Infirmary without formal hospitalization.

2. **Addiction:** Don't worry about legal penalties; the addiction is penalty enough. See the Deans and break the habit. Remember that psychiatric records are completely confidential.

Nightline; x3-7840

Nightline is a student-run peer help service. It operates every night from 7pm to 7am. You can call Nightline at 253-7840. (From a dormline, dial 2-3-7840.) Nightline is also a drop-in center located on the bottom floor of Ashdown. Enter from outside on the side facing McCormick. Just ring the doorbell to be let in.

Nightline is both a counseling and an information service. If you're having problems with academics or your roommate; if you need information concerning birth control or drop date; or if you just need someone to talk to, give a call or visit. *All phone calls and visits to Nightline are strictly confidential.*

Nightline is staffed exclusively by MIT students; each night, there will be at least one female and one male staffer on duty. The staff members are volunteers, and they are *not* professionals — thus, Nightline is not a substitute for other counseling services on campus, but rather a supplementary service for students who may need someone to talk with when these other outlets are inaccessible or inappropriate.

If you feel that you might be interested in becoming one of the Nightline staff, stop by and see them.

Youth is wholly experimental.

— Robert Louis Stevenson

Psychiatrists

The Institute psychiatrists (E23-376,x3-2916) are very good people to talk with. Whether you have problems (*any* problems), opinions on some subject, an idea you want to run up a flagpole, or just want to see what makes them tick, invite one to your living group for dinner, or go see them.

There are about twelve doctors on the staff, and as with the deans, it's OK to ask for a particular clinician if you know him or her. If you really need someone to talk to immediately, you can almost always find a psychiatrist within a reasonable time on the day you come in.

Most of the people who consult the psychiatric staff are psychologically indistinguishable from the general MIT population, and can *in no way* be classified as sick or disturbed. If some problem is bothering you, even if it is identical with those that everyone else faces, don't hesitate to visit the psychiatric staff. They can keep small difficulties from becoming larger, or merely facilitate the solving of problems you could have solved yourself. Any stigma attached to visiting them is entirely your own creation.

Psychiatric records are kept separate from all others, including regular Medical Department records. The psychiatrist cannot legally discuss you with anyone outside the staff unless you sign a release; even then you can specify the type of information to be released. The system is designed to maintain confidentiality. Only the psychiatric staff can use them; not Gray, not the FBI, not the CIA, not *anybody*. This system protects patient and doctor alike.

If for any reason you don't hit it off with one psychiatrist you can switch without apology or explanation. Nobody will look askance.

Religious Counselors

Religious Counselors are warm and friendly people who can help you view your problems from a different angle. A number of faiths maintain full time clergymen on campus, at the Religious Counselors' building (W2a,312MemorialDr). Adherents of other faiths can usually find clergy in the Boston Area. See **Religion** in the **Groups** chapter for more information.

The following religious groups maintain clergy on campus:

Christian Science (part-time)	Anne Harkless	x3-2327
Episcopalian	Scott Paradise	x3-2983
Jewish	Dan Shevitz	x3-2982
Lutheran (part-time)	Jessica Crist	x3-2325
United Ministry (part-time)	Larry A. Hill	x3-2327
Roman Catholic	Robert Moran	x3-2981
Vedanta Society (part-time)	Swami Sarvagatanda	x3-2327

Sex

Two of the best sources of written information are *Sex* (published by the MIT Medical Department (E23,x3-4481), and free from them) and *Our Bodies, Ourselves*, written by and for women, available at almost any bookstore. Also, the Medical Department has several pamphlets dealing with special topics. Stop by and browse.

Pregnancy

If you have even the slightest suspicion that you are pregnant, get a pregnancy test immediately. (Urine tests are free from the MIT Medical Department and many Boylston St,Boston clinics.) Prompt action will save you trouble later. If you decide to abort, the procedure is safer and cheaper earlier; if you decide to carry to term, early care will help your child later. *You gain nothing from just worrying.* Call the MIT Medical Department or a clinic (see the Yellow Pages) and *Our Bodies, Ourselves* for further information.

Abortion

Abortion is an outpatient procedure which terminates pregnancy. If done during the first trimester, the actual procedure takes about three minutes.

Never opt for an illegal abortion — unless you like playing Russian Roulette with five cylinders loaded. The Supreme Court decision legalizing abortion during the first six months of pregnancy has eliminated the last shred of justification for illegal abortions. The social workers and Planned Parenthood (99BishopAllenDrive,Cambridge492-0777) can direct you to good legal abortion centers.

A safe, legal, first trimester abortion costs as little as $175 at Boston clinics. MIT hospitalization covers abortions. If you waived the MIT insurance, check your coverage. If the abortion leads to sudden financial troubles, visit the counseling staff of the Deans' Office (5-104,x3-4861) or see Mmes. Buck and Rodrigues (E23-344,x3-4911), the social workers.

Carrying To Term

Maternity care can be obtained through MIT, an outside clinic, or a private doctor. Some students continue to take classes, etc. while pregnant. Others choose to take time off. Check with your insurance coverage concerning costs; several religious charities (e.g. Birthright) also offer help.

You can chose to keep the child, put it in foster care (e.g. with a relative until you are out of school), or give the child up for adoption (preferably before you see it).

Birth Control

Anybody connected with MIT can obtain contraceptive information and prescriptions from the Medical Department, regardless of age or marital status. As always, such matters are confidential between the patient and the physician.

Venereal Disease

VD is presently at or near epidemic levels throughout much of the US. It is curable *if treated early.* If you suspect you have it, contact the Medical Department and get checked; lab tests are quick and accurate. If you do have it tell *all* your partners and have them tested. Remember, VD is often without early symptoms in the female, though it can have serious consequences for both sexes even years later.

Counseling

Planned Parenthood, physicians, psychiatrists, psychologists, social workers, and a clinical sociologist, as well as clinics, religious counselors, and social service groups can be useful for helping you make your decisions. MIT has three social workers in residence (see below). The social workers and the Dean's Office can be particularly helpful for dealing with monetary problems.

Rape

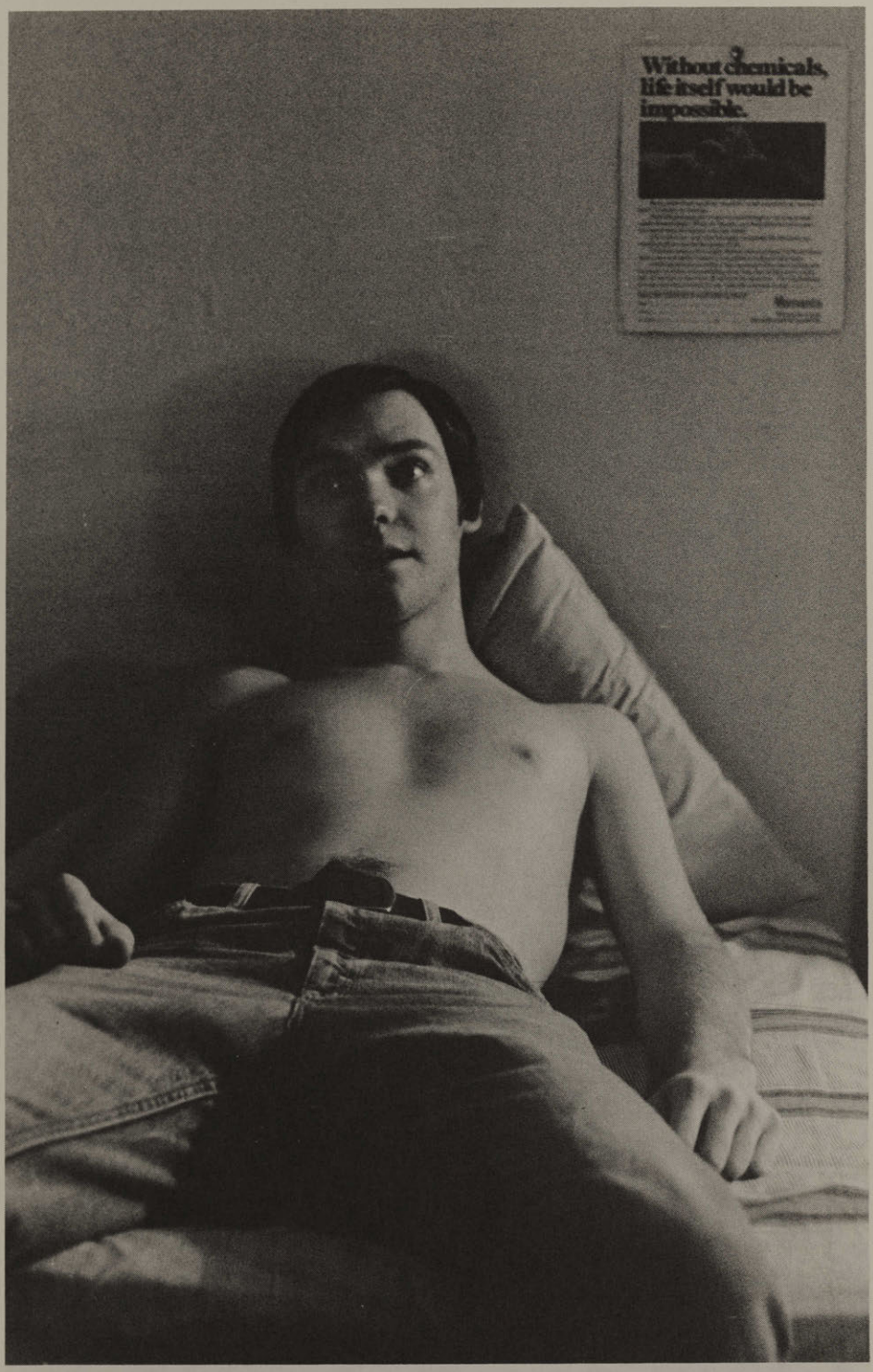
Go immediately to a medical facility (e.g. emergency room) or call the police. Treatment for any indicated problems should be immediate. If you press legal charges, you will need the evidence which the medical facility gathers. Do not change clothes or shower before going to the medical facility if you want to press charges. Most police departments offer sensitivity training to their members; reporting the rape should not be humiliating. Many victim support groups provide after-care.

Social Workers

Mrs. Jacqueline Buck and Mrs. Myra Rodrigues (E23-344,x3-4911), social workers in residence, are good at mobilizing and integrating the resources available for solving problems concerning interpersonal relations. They can suggest and contact agencies that provide money for major expenses, pregnancy counseling, or advice on dealing with runaways. They specialize in helping foreign students (and their families) adjust to living in the United States.

We tend to spend about six months intellectualizing about any problem before we admit that our initial reaction of "Yugh" was correct.

— Bill Hecht
(Chairman, Educational Council)


Without chemicals,
life itself would be
impossible.



Law

EMERGENCY—DIAL 100 on any Institute phone

There are two basic sections in this chapter, Institute Law and Outside Law. On campus one must deal with student committees, the campus patrol, the Dean's Office, and various official MIT administrative groups. Each has its own area and purpose. Outside, one is at the mercy of many levels of government and law enforcement.

Institute Law

Campus Police (Armory,x3-1212,x3-2996,dl 8191)

Campus Police policy is to keep peace and not necessarily to make sure that evil gets punished. They can be consulted unofficially. If you get in trouble either on campus or off, give the Police a call. They will contact the Institute lawyers if you need them.

Judicial Committees

Most of the living groups have a house judicial committee known as JudComm. This group generally deals with disputes or complaints among the residents of a living group. The Interfraternity Conference (IFC) has a JudComm to deal with matters of concern among the fraternities; and the Dormitory Council itself also has a JudComm. Go to a member of JudComm if you're concerned about a problem in your living group.

Dean's Office (5-104,x3-4861)

Members of the Dean for Student Affairs Office staff are available to help mediate disputes or hold hearings for matters which do not need to be brought to the attention of the Committee on Discipline. It's a good idea to talk with a Dean if you are involved in a problem and are not sure how it should be handled.

The Committee on Discipline

The Committee on Discipline (composed of both faculty members and students) is the main body at MIT that deals with Institute law. It handles complaints against students from faculty members, MIT employees, and other students. No person making a complaint against another may sit on the Committee.

The COD may choose to notify interested persons upon implementation of a decision and whether any information will appear on a student's transcript.

MIT Common Law

At present the Institute functions under a system of common law. Academic cheating and plagiarism are major offenses. Theft, careless risk of causing harm to persons and misuse of Institute property are as unacceptable as in any other community. Willful harm to persons or destruction of property are very serious offenses. The Discipline Committee treats each case individually. If you are interested in this subject, look up some Committee members and talk with them.

Notes for the Accused

You'll be notified by the Dean's Office telling you of what you're accused and by whom. You should consult the Dean's Office, which will tell you to find a counselor and inform you of Committee procedures. You can also contact the Committee directly.

NOTE: The publication **Policies and Procedures** states, "If a student's infraction involves him or her both in Institute judicial proceedings and in court proceedings, and if an Institute decision might prejudice his or her court case, the Institute will usually hold its decision in abeyance until after the court proceedings have reached a conclusive point."

Privacy and Files

You have the right to review Institute files about you, except those assembled before November 19, 1974, in which the author has been assured of confidentiality. You also have the right to challenge the contents. The school cannot release information about you to outside people (including parents and employers) without your consent. However, information given to the Information Office for use in publication of the Student Directory can be given out to anyone who asks.

Information in your advisor's file is considered confidential, but not legally so. Medical records — physical and mental — are legally private.

The Faculty Committee on Privacy is currently reviewing MIT's policies and is responsible for dealing with violations. Dean Susan Hoult is a good resource person in this area as well.

Outside Law

Outside the Institute you have to worry about various government types. You can receive information about city laws from the agency involved, simply by phoning and explaining what you need to know (CambridgeCityHall,876-6800;BostonCityHall,722-4100). The Dewey Library at MIT (E53) maintains an up-to-date copy of the state's legal code. You can also inquire about law by phone through Consumer Affairs at 727-7780. Their specialties are tenant and consumer problems, but will refer you to proper agencies to handle any troubles.

Arrest

If you are arrested, call Campus Police (253-2996) — lest you forget, the number is on the back of your ID card). In nearly all cases, Campus Police will help the student in seeking release from custody on the student's personal recognizance, on bail, or through arrangements with a bondsman. Don't plead guilty — just ask for a "continuance." (Campus Police will explain all this and more if you call.)

Alcohol

It is illegal in Massachusetts for anyone under twenty years of age to purchase alcohol, or to receive it from anyone other than a guardian. It is also illegal to falsely represent one's age in order to obtain alcohol. Large fines are imposed by the Commonwealth for violating the above.

Automobile Problems

If a policeman believes that you have been driving under the influence of alcohol, you have the option of accompanying him to the station house to be tested. If you refuse, there is an automatic revocation of your license. If the latter occurs, you must make a formal request in order to get your license back.

If an automobile dealer fails to service your car under the terms of its warranty, complain to the Massachusetts Attorney General (Consumer Protection Division, 727-8400).

False Fire Alarms

Persons turning in false fire alarms from anywhere, including dormitories, are liable for up to a $500 fine. Several years ago, a fireman was killed answering a false alarm here. **Don't do it.**

Guns

The possession of any type of firearm (including air pistols and air rifles) in Massachusetts is strictly regulated. Failure to have a Firearms Identification Card (FID) or a License to Carry will result in a mandatory one-year imprisonment for the first offense and 5 years for the second. Furthermore, possession of a firearm on the grounds of a college or university without specific authorization from the particular school carries a penalty of $1000 fine and/or one year imprisonment. **Get those permits immediately!**

For details call the Rangemaster (x3-3296)

Legal Problems/Legal Aid

Call the Dean's Office (5-104,x3-4861), or Campus Patrol (x3-2997). They will either help you directly or refer you to the appropriate people. Greater Boston Legal Aid Services (742-8930) will help you get in contact with the right people to help you. Conversation with the Dean's Office is confidential.

Patents, Copyrights

If you think you have a patentable invention/discovery, contact the Patent, Copyright & Licensing Office (E19-722,x3-6966) for information on the Institute's policies and procedures and the requirements and regulations of the US Patent & Trademark Office.

This office will also provide information on the laws and procedures for copyright including the Institute's policies with respect to copyrighting of student theses.

Regarding the idea itself, you should talk with someone in your field (the Patent Administration Office can recommend someone) about the possible existence of previous patents similar to yours. The whole procedure is extremely complex, but the rewards of having a patent of your own make a preliminary investigation worthwhile.

All men, by nature, desire knowledge.

— Aristotle

Nighttime Safety

MIT is an urban school!

There have been several cases of armed robbery, rape and assault on campus. A few years ago, two MIT students hitchhiking on the Harvard Bridge were robbed. One was brutally murdered while the other was "luckier" — he was only in critical condition for several weeks. Don't ever carry large sums of money alone, especially after dark. Avoid unlit or isolated areas such as Briggs Field or even the parking garages. On returning to campus from outlying communities, give some thought to well-lit routes. Wherever you go after dark, try to have a few friends with you if possible. The Campus Patrol will escort late-working students and employees from main buildings to dorms or parking lots at night, if requested (x3-2996).

Registration & Voting

To register go the Election Commission of the city where you live: Cambridge Election Commission, 362 Green St., one block west of Central Square (876-9828); Boston City Hall, Government Center (722-4100). Also the student government has occasionally sponsored registration drives; look for announcements.

Freshman Rules, 1928

The Massachusetts Institute of Technology is interested not only in turning out trained engineers, but makes every endeavor to develop in its students those attributes of character that distinguish the well rounded and educated man from the merely technically trained engineer.

Development of Technology spirit, of a real pride in the position of our school in the collegiate world and the formation of lasting friendships, is fostered as much as possible by the undergraduates.

In order to create the necessary interest in Technology among the entering class and to familiarize them with its traditions, the following Freshman Rules are presented to it for its information and guidance:

1. All Freshmen should wear regulation ties, four-in-hand, with cardinal and gray stripes. These should be worn when on Institute grounds from the day classes begin until the beginning of Junior Week. These ties are to be sold on registration day by the Freshman Rules Committee, and after that by the Coop.

2. Freshmen are expected to speak to all members of the faculty and to tip their hats to the president of the Institute and the Dean.

3. Freshmen are expected to say "Hello" to all students they meet on the Institute grounds.

4. Freshmen should not loiter around the Main Lobby, or sit on benches in the Lobby. If the Freshmen win Field Day, this restriction shall be abandoned.

5. Administration of the above rules shall be delegated to a Freshman Rules Committee which shall consist of the vice president of the Institute Committee as ex-officio chairman; two Juniors, one of whom shall be the president of the Junior Class; four Sophomores, one of whom shall be the president of the Sophomore Class; two Freshmen section leaders. The Junior and three Sophomores shall be appointed by the vice-president of the Institute Committee, the presidents of the Sophomore and Junior classes subject to the ratification of the Institute Committee.

6. When an upper-classman or a Freshman sees another Freshman violate the above rules, he shall immediately inform the Freshman Rules Committee, by dropping a card or a slip of paper in an institute mail box, stating the rule violated, and the date of the violation. When four violations have been reported against one Freshman, he shall be sent a summons to appear before the committee.

7. Enforcement of the rules is at the discretion of the Freshman Rules Committee.

These rules have been adopted for the purpose of bringing about a more congenial spirit at the Institute, and of fostering interest in Technology among the entering class. Consequently, the rules do not include measures which are merely for the purpose of humiliating the first year men.

The end of the Freshmen rules regime at Tech comes early in the spring at which time there is held a big rally of the Freshman class. A tree is planted to commemorate the occasion and then a huge snake-dance is formed by the entire class and they wind slowly by a large bonfire, each one throwing his necktie into the flames. Thus ends the Freshman rules and no longer need the Freshmen fear the upperclassmen.

— MIT Handbook, 1928

So many men, so many opinions, every one his own way.

— Terence

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Coke and Vending Machines at MIT

Key: ✱Vending Machine
● Coke Machine

Machines are generally in basement.
Otherwise, check first and second floors.

MIT Geography

The MIT campus is quite compact and often confusing to navigate, with tunnels, passageways and cleverly-hidden hallways. If you're new to the place you could try walking around and getting lost once or twice just to get the hang of it, or you could get an overview by taking an Information Office tour. Tours are given at 10am and 2pm. For details, call the Office (7-121,x3-4795).

For the official explanation of the room and building numbering system, see the map on the next page.

Doors

The doors to the following buildings are always unlocked: 7, 8, 16, 39, and Student Center. Doors are usually kept open until 11pm in buildings 13, 14, 24, 56, Kresge and the chapel.

Bathrooms

A few guidelines for finding a bathroom quickly:

On the main corridor, lavatories are stacked vertically, men's above women's and vice versa. They normally occur at the junction of two buildings, for instance 3-101, which is a women's room.

In the other main buildings, a similar situation applies, with bathrooms occurring at the ends of buildings or just before (or after) a corner. Example: 1-101 is a men's room.

In the newer buildings, men's and women's rooms are usually close together and either centrally or peripherally located. The notable exception is Building 14 with men's rooms at the western end, women's rooms at the eastern end, and none on the first floor.

Check the corridors for water fountains. Where there is a fountain, a bathroom can't be far away.

Vending Machines

All vending machines on campus, except some Coke machines, are run by Servend-Seiler (891-6200). If you have problems with a vending machine or need a refund, call their answering service at x3-5858.

Construction

The court between buildings 24 and 36/38 is currently impassable, due to construction of a new building in this area.

Other useful tips

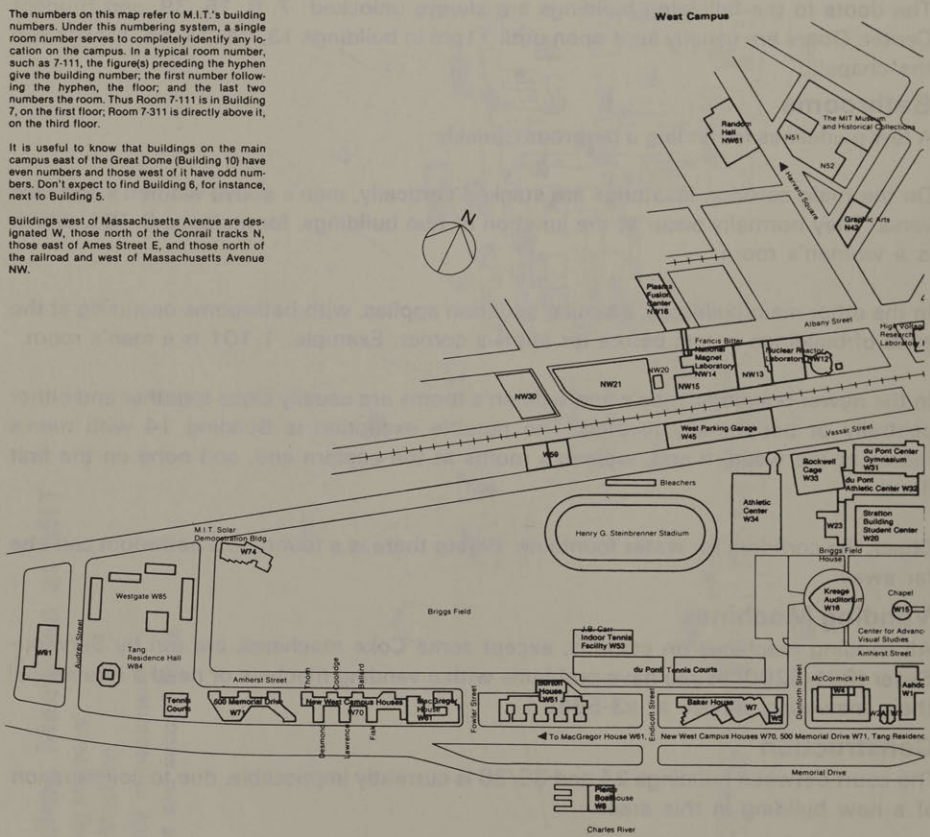
Tunnels exist between buildings 14 and 18, 18 and 54, and the parallels of East Campus. Basements otherwise connect where two buildings meet. They can be handy in bad weather or to avoid "rush hour traffic." Be careful of floor changes — in going from one building to the next, a ramp or a few steps may mean you've gone up or down a floor. The Infinite Corridor traffic (buildings 7-3-10-4-8) can be bypased on 2nd, 3rd or basement levels. It may be more convenient, depending on your destination, to walk through Killian Court, or along the street outside building 13.

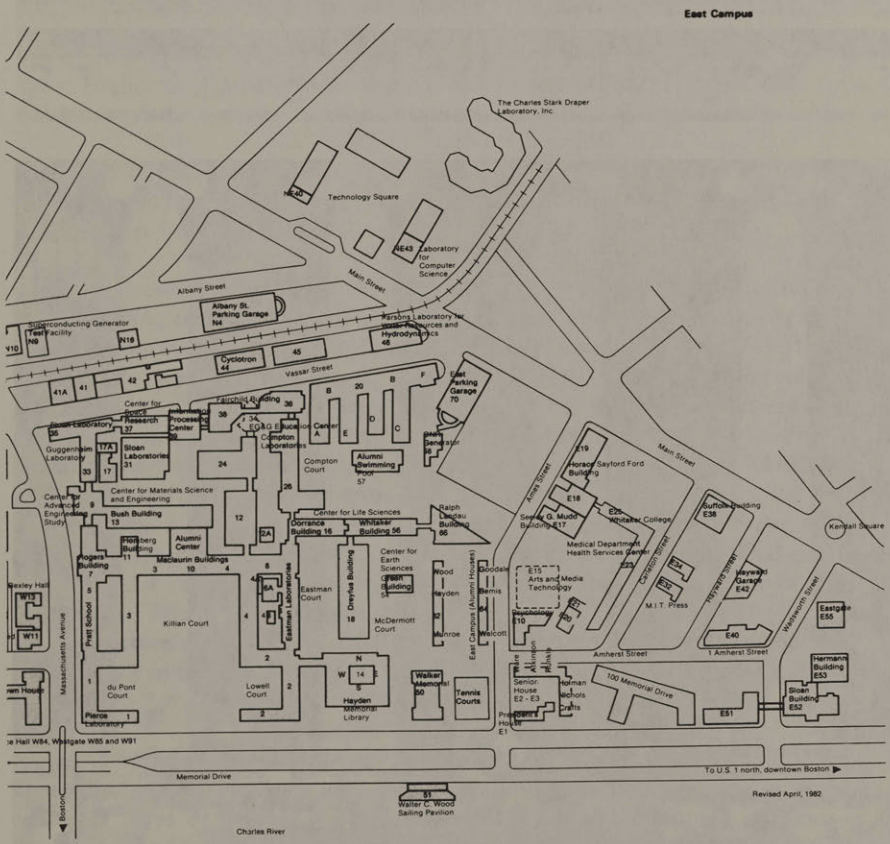
MIT GEOGRAPHY

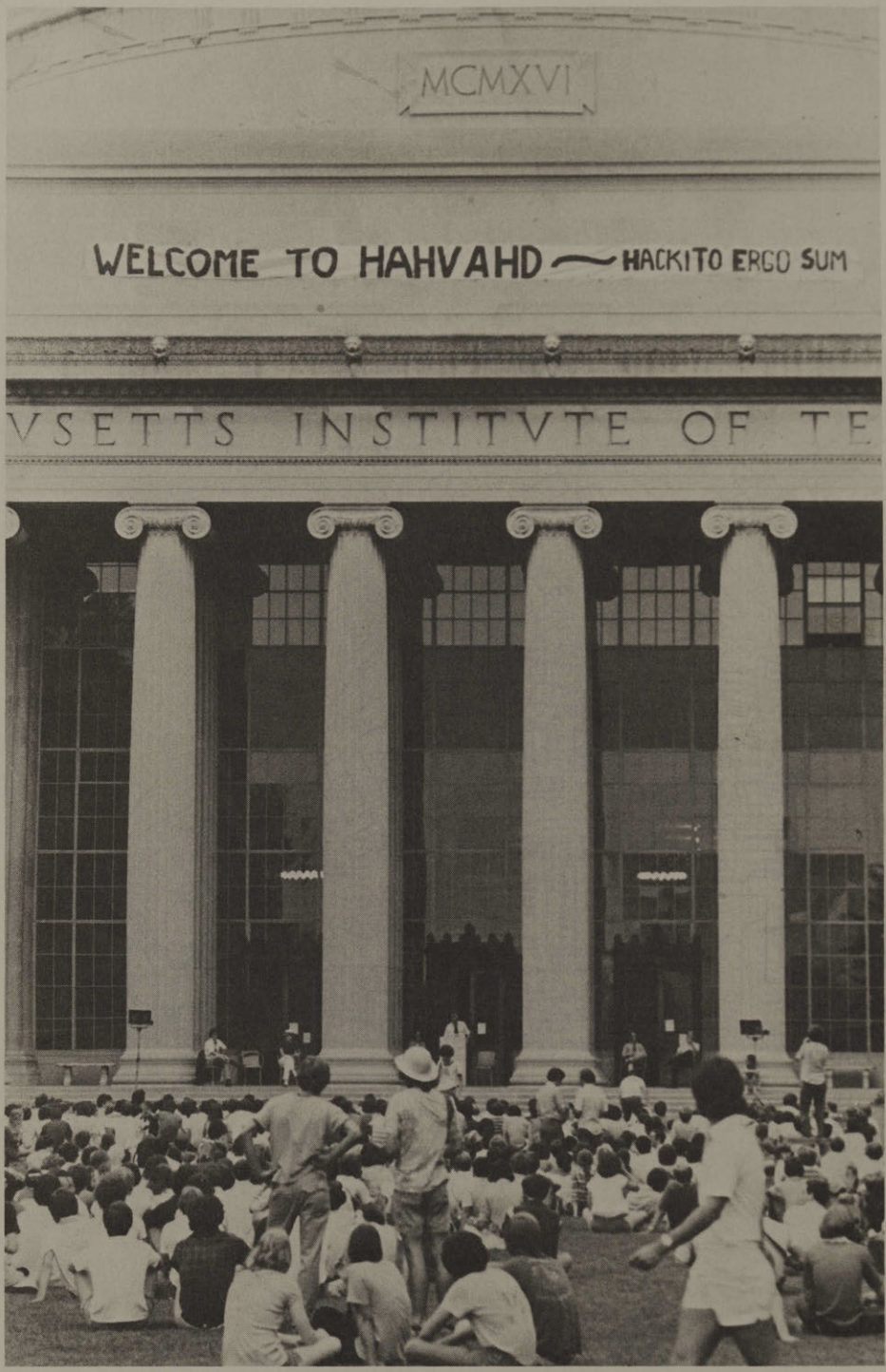
The numbers on this map refer to M.I.T.'s building numbers. Under this numbering system, a single room number serves to completely identify any location on the campus. In a typical room number, such as 7-111, the figure(s) preceding the hyphen give the building number; the first number following the hyphen, the floor; and the last two numbers the room. Thus Room 7-111 is in Building 7, on the first floor; Room 7-311 is directly above it, on the third floor.

It is useful to know that buildings on the main campus east of the Great Dome (Building 10) have even numbers and those west of it have odd numbers. Don't expect to find Building 6, for instance, next to Building 5.

Buildings west of Massachusetts Avenue are designated W, those north of the Conrail tracks N, those east of Ames Street E, and those north of the railroad and west of Massachusetts Avenue NW.




East Campus
The Charles Stark Draper Laboratory, Inc
Technology Square
NE43 Laboratory for Computer Science
Albany Street
Main Street
Albany St. Parking Garage N4
Superconducting Generator Test Facility
N9
N18
Parsons Laboratory for Water Resources and Hydrodynamics 48
Cyclotron 44
45
Vassar Street
41A
41
42
East Parking Garage 70
Center for Advanced Visual Studies
Fairchild Building
36
Technology Processing Center 39
Center A
B
20
D
E
C
F
Sloan Laboratory 35
Guggenheim Laboratory 17A
Sloan Laboratories 31
EG&G Education Laboratories
Compton Laboratories
Compton Court
Alumni Swimming Pool 57
24
26
Center for Materials Science and Engineering
Center for Advanced Engineering Study
9
Bush Building 13
12
5A
Rotch Building 11
Alumni Center
Rogers Building 7
Macgregor Buildings 3 10 4
Pratt School
Killian Court
Eastman Court
Eastman Laboratories
Dorrance Building 16
Whitaker Building 56
Center for Life Sciences
Ralph Landau Building 66
Center for Earth Sciences Green Building
Dreyfus Building 18
McDermott Court
Wood
Hayden
Munroe
Goodale
Bemis
Walcott
East Campus (Alumni Houses)
E15 Arts and Media Technology
Bexley Hall
W13
W1
Massachusetts Avenue
du Pont Court
Lowell Court
Pierce Laboratory 1
W14
Hayden Memorial Library
Walker Memorial 50
Tennis Courts
Senior House E2 - E3
Holman
Nichols
Drafts
100 Memorial Drive
E51
Sloan Building E52
Hermann Building E53
Eastgate E55
E40
1 Amherst Street
Amherst Street
Wadsworth Street
Hayward Garage E42
Technology Square
M.I.T. Press
E52
E53
Ames Street
Sidney G. Mudd Building E17
E18
E19
Horace Sayford Ford Building
E23 Whitaker College
Medical Department Health Services Center
Suffolk Building E38
Kendall Square
Memorial Drive
To U.S. 1 north, downtown Boston
Boston
Charles River
S1 Walter C. Wood Sailing Pavilion
Revised April, 1982


MCMXVI
WELCOME TO HAHVAHD ~ HACKITO ERGO SUM
VSETTS INSTITVTE OF TE

Academics

Now, here, you see, it takes all the running you can do, to keep in place. If you want to get somewhere, you must run at least twice as fast as that.

— Alice in Wonderland

This chapter attempts to provide answers to a variety of questions dealing with Institute academics. Information is organized into nine sections: **Advisors, Registration and Course Selection, Credit, Grades, Finals, Special Opportunities, Problems, Graduation and Degrees,** and **After Graduation**.

For more information, use the cross-reference to MIT Publications in **Appendix 10**. The most helpful publications include the *Freshman Handbook, The MIT Catalogue, Guide for Undergraduates and Faculty Counselors,* and *The Graduate School Manual.*

Faculty committees make many decisions on academic policy. Committee membership lists are available in the Catalog under "Standing Committees of the Faculty," and can be obtained from the Information Office (7-121).

a) **Committee on Academic Performance** (CAP) handles most petitions, including those relating to pass/fail, dropping a course after the drop date, retroactive deadlines for finishing incompletes, and decisions on academic warnings. (7-101,x3-4164).
b) **Committee on Educational Policy** (CEP) examines and formulates general educational policy, sponsors educational experiments, and coordinates much of the faculty's business. It is chaired by the chairman of the faculty and makes recommendations on most things the faculty votes on; it is strongly influential. (4-237,x3-1074).
c) **Committee on Graduate School Policy** (CGSP) is concerned with academic performance, degree candidacies, fellowships and scholarships, etc. It is composed of students and representatives of the graduate committee from each department and program. See your department representative or the Office of the Dean of the Graduate School (3-136,x3-1776) for more information.
d) **Committee on Curricula** (COC) handles requests for exemptions and substitutions in general Institute requirements. It also handles proposals for changing requirements. (E19-341,x3-4781).

These committees are always on the lookout for active student members. Although these committees require a very serious commitment, being on one of them is one of the best ways of leaving your mark on MIT. Student members are chosen by the graduate and undergraduate student governments. For more information call the GSC (x3-2195)or the UA (x3-2696).

Getting an education from MIT is like trying to get a drink of water from a fire hose.

— Anonymous

If at first you do succeed, try to hide your astonishment.

— *LA Times*

Advisors

Faculty Advisors

All freshmen who designate a major at the end of the first year will be assigned an advisor during the first week of the sophomore year. If you know a particular faculty member in your department, you can request him or her for an advisor.

Your faculty advisor can be very helpful. Remember: He is your link to your department and to the faculty committees (CAP, etc.). If you are not doing well, his recommendation is very influential.

Freshman Advisors

Freshman Advisors can help you with many of your problems during your first year at MIT. Get to know your advisor. This may be the only faculty member you get to know during your first year here.

Freshmen Associate Advisors

Associate Advisors are upperclassmen who have volunteered their time to help advise freshmen, in conjuntion with faculty advisors. If you're interested in becoming an associate advisor, talk to someone in the UASO.

Changing Advisors

If you're having troubles with your advisor, or have met another faculty member you would like to be your advisor, you can change advisors. It is usually not too difficult. Talk to the people in the **Undergraduate Academic Support Office** (7-103). They are very helpful.

Registration and Course Selection

Registration

Registration material can be picked up in Lobby 10 on certain pre-announced dates. Spring-term registration forms are given out in early December, fall-term forms in early May. If you miss the scheduled dates you can get the material at the Registrar's Office (E19-335).

You *must* return the forms on time, even if the information is incomplete; you can always make changes on Registration Day.

Important: Keep your registration form and all correction forms *forever*. The Registrar's computer has been known to "forget" you registered for a 24-unit lab, etc.

Registration, Changing

To add or drop a subject before the respective deadline, submit a correction card ("drop card") to the Registrar's Office (E19-335), the Undergraduate Academic Support office (7-103) or the Information Office (7-121). Cards are available at these offices and some departmental offices; deans and advisors can sometimes supply them. The card needs your these offices and some departmental offices; deans and advisors can sometimes supply them. The card needs your advisor's signature. If you are adding a course after the first week, you also need the instructor's signature. A course dropped within the first five weeks of the term will be entirely erased from your records; a drop after five weeks will appear on the internal transcript.

Keep in mind that some faculty members consider that a drop after the fifth week is automatic proof that you were failing the course at the time.

After the Drop Date (eleven weeks from the start of the term), you must petition the Committee on Academic Performance if you want to drop a subject. The CAP has outlined adequate reasons for dropping a subject late as unforseen circumstances beyond the student's control. The fact that you are failing, by itself, is not enough to get you off the hook. As a whole the committee is very strict about drop date, but exceptions have been made in the past; check with Jane Dickson (7-101) to see what your chances are.

Note: If you have an exam on drop date don't wait until next week to see your score and then petition to drop the course.

Credit

Advanced Standing

Getting credit for course material you already know is not difficult. For many subjects, all that is needed is a passing grade on an Advanced Standing exam; others may require additional work. See the instructor and your advisor for details. Incoming students should contact the Admissions Office (3-108,x3-4791).

Tests are offered in February, May, September, October, and December. You must file a petition with the Registrar three weeks before the exam period begins, and get the course instructor's approval. Freshmen are graded pass/fail; upperclassmen are given letter grades. A freshman failing a September exam will not have a fail recorded on the permanent transcript. Advanced standing exam grades are never computed into your cum.

If you have any thoughts about advance-placing a course, *don't* register for it — not even as a listener. Registration in a subject automatically prevents you from taking the Advanced Standing exam; this is independent of whether or not you remained registered or actually did attend classes.

Grad students seeking advanced-placement credit generally make informal arrangements with the instructor and department rather than take an exam. Most departments allow you to use some subjects taken at other schools to fulfill graduate degree course requirements or the minor requirement.

Listening

There are two ways to sit in on a subject: the first is getting permission to sit in on a class and learn informally; the second is registering officially to listen to a class. If you do register to listen, you will not be allowed to advance place the course later on. For the summer term, the listening rates are the same as for regular students tuition. This also applies if you pay for tuition on a per-unit basis. It is possible to change status to a regular student during the term (up to the add date). See your advisor for the necessary paperwork.

If you're not going to listen, just go to sleep quietly.

— D.P.D.

Transferring Credit

It is possible to receive MIT credit for work done at other institutions. If an exact MIT equivalent exists, fill out a Request for Additional Credit form and get the MIT instructor's approval; you will receive your credit plus a recorded grade of "S." If no equivalent exists here, see the most closely-related MIT department. Any questions about the granting of credit should be directed to the Director of Advanced Placement in the Admissions Office.

Graduate-level subjects completed satisfactorily at other universities may be accepted toward requirements for an advanced degree, but do not contribute to the residency requirement. If the subject has an MIT equivalent, submit an Additional Credit sheet; if not, you must petition. Courses taken by a former Special Student may be used later in partial fulfillment of requirements for a graduate degree. In either case, the Registration Officer should indicate the amount of (A) or other credit accepted.

Multiplication is vexation
Division is as bad
The rule of three doth puzzle me
And practice drives me mad.

— Anonymous

Credit for IAP

You are generally limited to six units of credit for IAP, although you can receive twelve units for a course if you get the appropriate department head's approval. Anything else requires a petition to the COC or CGSP. IAP credit does not apply to the freshman credit limit.

Getting credit requires making arrangements with the instructor prior to starting work, since regular registration procedures do not apply.

All work done for credit under a special problem number is graded pass/fail. However, if a regular subject is offered in intensive form, letter grades may be given.

Grades

Incompletes

Incompletes not completed remain Incompletes; they are not computed into your cum. *However,* they are often treated by graduate schools as "F"s. Departments may also count them as "F"s when reviewing student records and making recommendations to the CAP.

It is a good idea to ask your professor ahead of time for an Incomplete (but don't ask if you haven't already done two-thirds of the course work), explain the reasons for it, and tell him when you plan to finish the subject. (If he is not going to give you an Incomplete, it is better to know before the term ends). Many professors will go out of their way to be accommodating even to the point of calling you up to see if you are still working on the incomplete; others will screw you to the wall.

Changing Grades

Subjects: If you feel a grade is unfair, talk to the instructor. The CAP is willing to act as an intermediary in case of disagreements, but cannot override the instructor's decision. The instructor must fill out a Special Report Sheet and send it to the Registrar before the grade change can officially take place. All such changes, including making up I's and OX's, must be done before you get your degree.

Course work: Problem sets, quizzes and exams are often marked by TA's or graders. If you have any questions about the accuracy of a mark, ask the grader; if you cannot resolve the problem with him, talk with the instructor. Normally he/she will be quite willing to look at your side of it.

Pass/Fail

Pass/fail grading is generally available only to freshmen, to students in the Concourse, ESG, or UROP programs, and to juniors and seniors exercising their pass-fail option (see below). An instructor may petition the COC to have his entire subject made pass/-fail, but cannot allow individual students to take the course pass/fail unless one of the above options applies to them.

The Junior-Senior option allows the student to designate two subjects pass/fail in his last four terms. The subjects cannot be Institute or departmental requirements, and cannot exceed one per term. See **Registration, Changing** for rules and regulations regarding deadlines.

Transcripts

The Registrar's Office will make copies of your transcript for $2.00 each. Keep in mind that it will take a while to get them prepared. Payment can be made at the Cashier's Office (10-180) or at E19-225. Requests for transcripts must be made by the student in writing; no request from a graduate school or anyone else is honored without the student's approval.

It is not enough to have a good mind. The main thing is to use it well.

— Descartes

Finals

Schedules

Final exam schedules come out in midterm, and are available at the UASO. If you have conflicting finals, follow the instructions on the Conflict Form on the back of the schedule.

Exams Before Finals

In a course with a final exam, no written exams may be given for 8 days before finals start. In courses without finals, no more than one written exam of not over one class period (or 1½ hours, whichever is shorter) in length may be given during this time. If an instructor schedules an exam which is in conflict with the above rules, speak to him or to Jane Dickson (7-101).

Finding Finals

Call the UASO (7-103, x3-6771) if you forgot (or never found out) where your final is supposed to be. They will know the correct room number for different sections. If you will be more than 45 minutes late, you must get permission from the DSA (5-104,x3-4861) to enter the exam room.

Inability to Take a Final

Undergrads: Go to the SAS Office (beforehand if possible) and explain the circumstances which prevent your taking the exam (a personal visit is strongly preferred to a phone call). If your reason is accepted, and the instructor has issued an "O" (absent from final or last two weeks of class with passing work up to that time), the Dean's Office will issue a grade of OX. It is *your* responsibility to make up the final.

Note — If you are sick be sure to go to the Medical Department before the exam. If your reason is not accepted, the O remains as such on your record — it is equivalent to an F and is averaged into your GPA.

A postponed final make-up is normally taken at a certain time early in the next semester. This means that if you missed a second-term final, you must retain all of your knowledge of the course through the summer and part of the fall term. So it might be better to take the final on time if you are not too sick. Be realistic about your capabilities though, because if you do badly it is hard to have the grade changed.

This exam is intended to be instructive. Consequently, it is sometimes the case that part of the problem is to figure out what the problem is.

— Directions for 6.034 exam

Caution: If you had been doing failing work throughout much of the term, the instructor still has the right to give you an F instead of an O.

Grads: Go to your instructor and talk to him/her. Also, you can check with the Graduate Office (3-136,x3-4869).

If you have a tendency to go to pieces or otherwise fail to perform maximally on finals, talk with your instructor beforehand; afterwards plead for an incomplete.

My problem is that I'm so busy that I don't have time to learn.

— Lon Ray-burn

Special Opportunities

Cross Registration at Harvard, Undergraduate

This program is open to a small number of juniors and seniors with cums of 4.0 or better. If you really want to take a course, apply anyway, even if you're a sophomore — you might get in. The course at Harvard preferably should not have an MIT equivalent. Dean Hanham (20D-204,x3-3450) is the MIT coordinator for undergrads. He has the Harvard catalogs, as does the Harvard University Information Center at Holyoke Center in Harvard Square.

Harvard's deadline for registration falls about two weeks after MIT's registration day. Their calendar is different from MIT's; first term finals are in January, and second term finals are in late May, often after MIT's finals. Be sure you will be around during their finals week.

Cross Registration at Wellesley, Undergraduate

Mary Enterline is the MIT coordinator for the exchange. In her office (7-108,x3-1668) you will find the *Wellesley-MIT Exchange Guide*, cross-registration applications, bus schedules, Wellesley catalogs, course evaluations by MIT students, and more. Fall term applications are accepted in May; spring term applications are accepted in January. Late applications are frowned upon, but may be accepted if the course isn't overcrowded. It is easy to switch subjects just before the term starts if you change your mind and want to take a different one. Information about the exchange is also posted on the exchange bulletin board near the Admissions Office.

The cross-registration bus schedule is based on a combination of MIT and Wellesley class schedules. Be sure to allow enough time for transportation between classes.

For information about fulfilling Institute requirements with Wellesley courses, see the MIT faculty coordinators listed in the *Guide*. Information about course prerequisites, the meaning of "limited enrollment," or anything else can be gotten from the Wellesley instructor. To call Wellesley, dial x187 + the Wellesley extension. For extension information, call x187-241.

For more information, see **Wellesley** in **Appendix 4**.

Cross-Registration, Graduate

MIT has cross-registration programs with the following schools:

School	*MIT Coordinator*
Harvard	Dean Hanham 20D-204, x3-3450
Wellesley	Mary Enterline 7-108, x3-1668
Woods Hole Oceanographic Institution	Biology, Ocean Eng., Earth and Planetary Sciences, and Meteorology
Brandeis (Social Welfare)	Prof. John Howard x3-7333, x3-4408
Tufts (Dental School)	Nutrition and Food Science
Boston University (African Studies)	Economics and Political Science

Most of these programs are very limited (e.g. with Brandeis, only course XI grad students may cross register), but don't let this stop you. Build a good case for yourself, convince your advisor of its merit and you at least have a chance. With perseverance and careful planning, things can go the way you want them to. More information is available in the Graduate Student Manual and from your registration officer.

If I should not be learning now, when should I be?

— Lacydes

Domestic Year Away

You can spend a year studying at another college in the United States provided that certain conditions are met. The school you want to attend must accept you and be of "established merit" and your department must certify that the school has unique resources unavailable at MIT, Wellesley, or Harvard. Your program of study there should involve a workload comparable to MIT's, and its objectives must be consistent with your overall MIT degree program. You won't have to reapply to MIT to get back in.

Financial aid is available for those who would normally be eligible. The Student Financial Aid Office will determine your need at the other school and what you need would have been at MIT, and will give you the *smaller* award. You can get more information from the Foreign Study Office (5-108,x3-7979).

Foreign Study

If you are interested in studying abroad you should start to plan as soon as possible. Junior Year Abroad is generally the easiest way to go. Student status and dorm priority are generally unaffected. Financial aid is available as for **Domestic Year Away**. Contact FSO (5-108,x3-7979) for more information.

The opportunities for foreign graduate study are greater. The Placement Office (12-170) has some reference materials. The Graduate School Office also has information on DAAD, Churchill, Fulbright-Hays, Marshall, and other foreign scholarships.

Co-op

Six Courses (II,III,VI,X, XIII,XVI) currently have organized cooperative study plans with industry. The tuition differs from the regular tuition in some departments. Check at department headquarters and the Registrar's Office for details.

Special Students

Special students, by definition, are not considered to be working toward a degree. Special students pay tuition based upon the number of units they're taking, and must be readmitted each term. They usually are not eligible for financial aid, campus housing, or cross registration. Subjects taken while a special student can be used toward a degree if the student is subsequently admitted as a regular student. Contact the counseling deans (5-104) if you're thinking of changing your status — Admissions Office if you've never been a regular student.

Light Loads

Regular students planning to register for a light-load (fewer than 32 units) should get approval from their advisors and a counseling dean (5-104). If the forms are signed before the start of the term, the CAP will take this into account at its end-of-term meeting and will not necessarily take action because of a low registration.There is also the possibility of saving money by paying tuition on a per-unit basis, while still being considered a regular student. Taking more than two terms on light-load is discouraged and requires a CAP petition.

It's a trick, but it's a trick that works, so it's a technique.

— S. A. Orsag

Special Projects

If you have an idea you want to work on, or something you want to study, you can frequently get Institute backing. You may even be able to get credit or satisfy Institute requirements while doing your own thing. Petitions for fulfillment of Institute requirements go to the COC.

First, dig up an idea (Example: writing a guidebook for the MIT community; that's how this book got started). Several established ways of doing so are:

1. Check with the UROP office (20B-141,x3-5049) or check their bulletin board in the main corridor for current research offerings. Although most projects take place on campus, it is also possible to have an off-campus project at hospitals, corporations, non-profit organizations, or government agencies. See the UROP booklet for more ideas (it lists faculty in each department and their research areas) and for the rules and regulations regarding project work.

2. Ask at department headquarters/graduate offices for references on current research.

3. Find a professor you want to work with and ask him/her for project ideas. Most faculty members have lots of ideas which they themselves don't have time to work on.

4. Drop in on a lab you're interested in and ask someone about what's going on. In most cases, you'll get an enormously thorough description; people are very willing to talk about their work.

Second, find a way to do your own thing. A few suggestions are:

1. Register for a "projects" or "special problems" subject in your (or any other) department. The best types are those with credit "to be arranged." You must find a faculty sponsor. If the project works out well, you can do a careful write up and petition to make it your thesis.

2. Try to make your project a part-time job with a professor. Or try to make it a summer job, possibly by getting hold of grant money. Consult your advisor or department head for suggestions on how to go about it.

3. See UROP (20B-141). They pride themselves on being helpful.

4. Check with the interdepartmental labs. A fairly thorough listing is in the Catalog.

Whatever your idea, if you're really interested in pursuing it you should be able to find help and sponsorship somewhere in the Institute. If at first you don't succeed, keep trying; there are plenty of places to go for advice. The person who turned you down may change his mind and offer his services the next month.

Adversity causes some men to break; it causes other men to break records.
— Anonymous

Summer Session

The summer session is open to all students. The summer catalog is issued in March and is available at the Information Office (7-121), and at the UASO (7-103). Old summer catalogs can be found in the MIT section of the Student Center Library. Tuition is paid on a per-unit basis, although minimum and maximum rates exist. Regular students should check with the Registar's Office (E19-335); Special Students should contact the Admissions Office (3-108).

The number of courses offered in the summer is limited, but it usually includes some large freshman and sophomore courses such as 8.02, 6.002, and 18.03.

Summer is a good time to do research. It must be a full-time committment. It can be done for credit or pay. If you do it for credit, however, you will have to pay for it, depending how many units you register for. The research must be started at least half way through the spring term, especially if you want to be paid for it. Check with the UROP Office (20B-141,x3-5049) for more information and help, and check with your department about ongoing projects which you might find attractive.

Undesignated Sophomore Status

The Undergraduate Academic Support Office (7-103,x3-6771) handles problems with becoming undesignated, designating a major, and selecting or changing advisors. They can often help with problems of course and career selection.

Note: It *is* possible for sophomores to un-designate.

Inventing Your Own Course

New courses have been invented in the past. A strong commitment and faculty backing are essential. ESP (W20-467,x3-4882) provides an organization for teaching Saturday courses to high school students. Starting an IAP course is much easier and can be done through the department.

Problems

Crisis: If something is wrong and you can't find adequate help anywhere, go to the psychiatrists (E23-376,x3-2916) or the deans in 5-104 (x3-4861). These people specialize in helping when you're in trouble.

Freshman Troubles

Complaining about your advisor: If you don't like your advisor, you can get a new one at the Undergraduate Academic Support Office (7-103,x3-6771). You can request a specific person or tell the UAS people what you want in an advisor. Don't hesitate to request a change if you feel one is necessary. You *can* change advisors more than once, as well.

Evaluation Forms: If they're not at your living group, get them from the UASO (7-103). If you don't get completed forms back, bother your advisor.

Failure (not passing): Don't panic. Normally you will merely have to repeat the course if you want to get credit for it. Pleading sometimes helps. Possibly your evaluation forms did not give you a clear idea of where you stood. Talk to your professor. Remember, freshman failing grades are not recorded on your external transcript (but they might influence the CAP at the end of the term).

Undergraduate seminars: The subject you choose can be both interesting and informative. If it isn't, you can either drop it or change it; don't stick around with a bad one. The Undergraduate Seminar Office is in 7-105 (x3-3621). *Note:* You *must* file a correction card (available in 7-105) to change your registration.

Warning, Undergraduate

A good description of a warning is quoted below from a publication of the Committee on Academic Performance.

Warning: This action would be appropriate in the case of a student whose performance is considered below standard, and whose status at the Institute may be jeopardized if his/her performance does not improve in the coming term. We feel that this action ought not to be viewed as punitive, but rather as a helping mechanism that will encourage such students to plan constructive action to improve their performance.

If you have a problem, or if you are facing a warning, talk to some of the Committee members, or to Jane Dickson, assistant to the chairman of the CAP. Her extension is x3-4164. Most of these people are quite reasonable individuals.

There is no set cut-off point for getting a warning or escaping it. CAP always will look at you if your term GPA is 3.0 or less, or if you have received less than 36 units for that term. The normal procedure is for each department to have a grades meeting at the end of each term, at which they will consider each student and make recommendations to the CAP. Therefore, if you think there is something the faculty of your department should know, tell them via your advisor or favorite professor before the end of the term.

Your advisor is your representative and advocate at these meetings and before the CAP. If you are having problems, make sure that he knows the full situation *before* you get into trouble.

If you are on warning, you registration is limited to a maximum of 48 units. 36 units is considered a good load, including some professional subjects.

If you leave the Institute for academic reasons, you should consider yourself on academic warning every term after you return — the CAP does. However, if you leave before add date, CAP does not look at you that semester.

If you have any questions, ask Jane Dickson, staff to the CAP (7-101,x3-4164). She can also refer you to another member of the committee. In general, the committee is quite reasonable and tries to help students.

Let's not worry about details, this is engineering.

— Prof. Rowell

Warning, Graduate

Graduate students may receive a warning from the Committee on Graduate Student Policy if their cum is somewhere below the 3.5-to-4.0 range. However, the Committee is not required to warn you. If your poor performance continues, the CGSP will probably recommend kicking you out — it is vital that both the CGSP and your advisor clearly understand the circumstances which are causing your problems.

Withdrawal, Required

If you have been on warning at some point and are now doing poorly, the Committee on Academic Performance may, after consulting with your advisor, require you to withdraw. Virtually no one flunks out because he isn't smart enough; if you're having trouble there's probably some other factor at work.

If you're headed for a withdrawal, *don't panic.* Visit the counseling deans (5-104) or the psychiatrists (E23-376). Feel free to ask any questions in the CAP office (7-101) The Placement Office can help you find a permanent job, or a temporary one if you intend to reapply for admission.

You almost always have the opportunity to apply for readmission; you do so through the CAP or DSA, according to your withdrawal. The fact that you feel you are up to working is not enough to get you back in; you have to show that you have done something responsible while away, such as employment or work at another college.

Voluntary Withdrawal or Leave of Absence

If you want to leave school, even if only temporarily, you should contact the counseling deans (5-104) for advice and help with all the procedural hassles. If you're not sure whether to take a term or so off, try talking to one of the deans, your advisor, friends, or members of the Psychiatric Service. Also, the Placement Office can help you in finding a temporary or permanent job. In the case of a leave of absence, students will make arrangements for their return at the time they decide to leave.

Readmission of undergraduates in the case of voluntary withdrawal is not hard, and is done through the DSA. You won't lose financial aid, but you will lose housing eligibility.

Readmission of graduate students is done through the department. If you're gone more than five years, you'll also need the approval of the CGSP.

Course Problems

If you really don't like your professor, go to the undergraduate department office or to the departmental headquarters and explain why you would rather be in another section. Don't use the negative approach; instead, explain why another section would be better for you. If there is only one section, you can drop the course (and wait for next term), or grin and bear it.

If you have any problems at all, whether they concern problem set difficulties or room temperature, talk to the instructor. He wants feedback (in most cases) and will react favorably to the simple fact that you have gotten off your tail and said something — even if it is critical. Just do things tactfully and you will be surprised at how well received you'll be.

If that doesn't work, try your advisor or other faculty members in the appropriate department. Go straight to the department head if necessary. Try the deans, especially the UASO (7-103,x3-7661), and then the counseling staff (5-104,x3-4861); they are all experienced in dealing with classroom complaints.

Don't worry that your comments might be too trivial to waste someone's time with. If something bugs you, it probably bugs other people too. If you're sufficiently interested to start poking around for some help, you're more than likely doing several people a favor by sparing them the trouble. If you're really unsure, sound out another student, a dean or random faculty and see what happens. Normally all you have to do is ask.

If your problems involve the course material, you have several paths available to you. Tutorials (if they exist) provide personalized help — it's best to attend them throughout the term and avoid the crowded cram sessions on the day before an exam. Your TA might also be able to arrange a help session. Faculty and students in your living group may have taken the course in question; they might have old quizzes and homework, as well as an understanding of the material. Undergraduate offices as well often have facilities to help out.

Schedule Conflicts

If you have two or more conflicting subjects scheduled, check with the Schedules Office (E19-338,x3-4788). If you can't get into a different section, you'll have to go to half of the classes in each subject. Dropping one of the courses and waiting until the next term may be the best solution. Discuss the problem with each one of the instructors.

The schedule given on your schedule card is taken from the master list given in your registration booklet. You generally need departmental approval to change your section registration.

Department, Complaints/Suggestions

Your advisor, as with most other matters, is the first person to turn to. Other natural choices are the department head and other professors within the department. The department's feedback committee, if it exists, can also prove useful. Other resources include the local Course Society, the Executive Officer, or even the secretaries at Headquarters. (These last offer information rather than brute-force pull. However, that information may prove invaluable, and often is unavailable elsewhere.) The UASO (7-103, x3-6771) has no formal departmental connections, but can give good advice.

Graduation and Degrees

Graduation

You must submit an application to be a degree candidate in order to graduate. The application is included in your registration material. MIT does not automatically grant your degree as soon as all requirements have been met. It is possible to graduate with one deficiency if it occurred in a subject for which you were registered in the final term and you made an honest effort to complete the course. Even then, graduation is not automatic. Your department will have to petition the Committee on Academic Performance (CAP) and make a well informed plea.

Note: Double-majors may *not* graduate with a deficiency.

Before you receive your diploma, all library books must be returned, all keys to rooms and labs must be returned to the Office of Superintendent of Physical Plant, or to the appropriate professor, and all financial matters must be cleared. The Student Accounts Office will notify you of the deadline dates for all the formalities.

Prior to graduation, any student employed by the Institute must file a Termination Clearance form with the Payroll Office, with signatures certifying that (s)he has returned all keys, books, supplies, etc. Some labs have their own special termination procedures for teaching assistants.

Degrees, Double

Two Bachelor's Degrees: You must fulfill requirements in two departments while accumulating 450 units instead of the 360 units required for one degree. It is not possible to split up course credit so as to give part of the course's credit to one department and part to the other. You must deliver a petition to the Registrar's Office at least two terms before graduating; the petition must list the two degrees and the expected graduation date. Consult your advisors in both departments to find out about the deadline for application and to obtain approval of your entire program.

Make sure you contact both departments about your joint thesis if you plan to present one.

Note to the Superambitious: triple majors *are* possible. At the 1975 graduation, one student received three Bachelor's and one Master's degree after four years!

Bachelor's and Master's Degrees: Some departments will award a SB and a SM simultaneously. You must be accepted for graduate study at least one term before the degree is awarded, and that requires a petition. Check with your advisor for details. If you want a Bachelor's degree in one department and a Master's in another, you are on your own. Don't worry, though — it has been done.

Two Master's Degrees: You do not necessarily have to take additional credit units for two Master's degrees. However, there are requirements about splitting up the units between the two departments. You can do a joint thesis for two Master's degrees; a petition must be filed at least two terms before graduation.

Degrees, Interdepartmental

Undergrads: Many departments have concentrations which allow much work in another area (II-A, VI-1 Bio option, etc.). Check with your advisor. (See also **Degrees, Unspecified**) Unfortunately, Course XXV (Interdisciplinary Science) has just gotten the axe.

Degrees, Unspecified

Several courses (I, II, III, IV, VII, IX, X, XV, XIII) sponsor very flexible programs that can be adjusted to suit your personal requirements up to a certain limit. Since all departments have the option of offering unspecified degrees, your advisor or department head can help you set up a program. But remember — you still must fulfill the general Institute requirements, even if they don't seem to fit into your personalized educational program.

How to Get Around Requirements

If you want to be exempted from or make substitutions for Institute requirements, you have to petition the COC. Getting out of a departmental requirement will involve working things out with your advisor and the department head. You should talk to the people involved before writing your petition. Your advisor and the deans can be of help. Try to find out about policies and precedents, and build up a believable case, which may take a major creative effort in borderline cases.

Don't be afraid to try; the results can be worth it. Petition forms are available from your advisor, the Registrar's Office, the UASO, or the Information Office. Your petition will be more effective if you justify yourself in two sentences on the petition itself. Items which are petitioned for most frequently are substitutions for humanities and lab requirements. Often other subjects may be substituted for certain requirements in a department. Make sure you have the approval of the instructor in the subject you want to substitute. If your petition is refused, you can appeal to the same committee and they may change their minds if you are persuasive enough.

Theses

Undergrads: Copies of *Specifications for Thesis Preparation*, published by the Libraries, are available from the UASO (7-103) and the Institute Archives (14N-118). Your advisor or department should be able to answer most questions.

After Graduation

Applying to Graduate Schools

General Information: Reasonably thorough collections of graduate school catalogs can be found in the Humanities Library or the Career Planning and Placement Office Library (12-170,x3-4733). The latter library also has independent references on school reputations, financial aid and degrees awarded. This particular service is right up Mr. Weatherall's alley; he's a former Assistant Dean of the Graduate School and personally familiar with many institutions. Don't let his title put you off, he's very friendly and a good person to ask for help. In addition, the office has some applications for the GMAT, LSAT, MCAT, and GRE. With regard to the GRE, the Graduate School office (3-136,x3-4860) has application forms and information. Reference copies of test bulletins are kept in the Placement Office (10-140).

Kenneth Wadleigh, Dean of the Graduate School, is particularly helpful if you want to come to MIT for graduate study. **Hint:** When applying to grad schools, it's usually best to specify the doctorate under "degree to be studied for." This and other rules of thumb may be gleaned from your advisor and other faculty if you ask for help.

Getting A Recommendation

Due to grade inflation, recommendations may be more important than your cum. Recommendations must be planned in advance. You should have a good working relationship with at least one faculty member. Make sure that you have someone's approval before signing his name as a reference. It helps to know that you'll get a good recommendation.

Admission to MIT Graduate School

For some departments, it will be harder for MIT undergrads to get into MIT than for grads from other institutions of comparable quality. The ostensible reason is that departments want to avoid "inbreeding." Consult the department, the Admissions Office, and the Graduate School Manual for more information and help.

It is possible to be admitted as an interdisciplinary graduate student. You still have to find a department that will admit you, but some flexibility is allowed. It will take a lot of talking to get what you want, and at least one professional ally. Don't delay.

Prelaw, Premed and Education Counseling

The Committee on Preprofessional Advising and Education serve the special needs of students interested in entering the medical, legal, and teaching professions (and related areas in public administration).

The **Preprofessional Office** (7-102,x3-4158) publishes special handbooks for the fields mentioned above. It also provides graduate school catalogs, applications for entrance exams (MCAT, LSAT, etc.), and academic counseling, and sponsors seminars given by professionals and representatives of graduate schools.

The Committee itself consists of three advisory councils, one in each field. If you are wondering what it feels like to be a professional in one of these areas, the members of the advisory councils will be glad to tell you.

The following items have been excerpted from recent first-year Graduate Qualifying Examinations. They are published here as a public service for the edification of those undergraduates planning to attend graduate school.

Instructions: *Read each question carefully. Answer all questions. Time limit 4 hours. You may begin immediately.*

Medicine: *You have been provided with a razor blade, a piece of gauze, and a bottle of Scotch. Remove your appendix. Do not suture until your work has been inspected.*

Public Speaking: *Twenty-five hundred riot-crazed Aborigines are storming the classroom. Calm them.*

There is no subject, however complex, which if studied with patience and intelligence, will not become more complex.

— Anonymous

Engineering: *The disassembled parts of a high-powered rifle have been placed in a box on your desk. You will also find an instruction manual, printed in Swahili. In ten minutes a hungry Bengal tiger will be admitted to your room. Take whatever action you feel appropriate. Be prepared to justify your decision.*

Music: *Write a piano concerto. Orchestrate and perform it with a flute and drum. You will find a piano under your seat.*

Political Science: *There is a telephone on the desk beside you. Start World War III. Report on its sociopolitical effects, if any.*

Biology: *Create life. Estimate the difference in subsequent human culture if this form of life had developed 500 million years earlier, with special attention to its probable effects on the English parliamentary system.*

Management Science: *Define Management. Define Science. How do they relate? Why? Create a generalized algorithm to optimize all managerial decisions. Implement your algorithm on either a GE 645, CDC 7600, IBM 360/195, or PDP 8. Your program should include all the software necessary to support 100 interactive consoles.*

Extra Credit: *Define the universe. Give three examples.*

— "The Last Word" from *thursday*

Intelligence appears to be the thing that enables a man to get along without education. Education appears to be the thing that enables a man to get along without the use of his intelligence.

— Albert Edward Wiggam



Financial

Finance, *n. The act or science of managing revenues and resources for the best advantage of the manager. The pronunciation of the word with the i long and the accent on the first syllable is one of America's most precious discoveries and possessions.*
— Ambrose Bierce, *The Devil's Dictionary*

Paying the 'Tuteing Piper

Financial Statements

MIT Financial Statements arrive before the start of each semester. If you think the Institute screwed up your financial statement, contact the Student Accounts Office (E19-215,x3-4133). However, before you jump to hasty conclusions, remember that invoices are random, and the bill you receive may include a debt that you have already paid.

Where to Make a Payment

Payments to the Institute can be made at 10-180 or E19-215. Payments can also be mailed.

You get a valid ID sticker in exchange for payment. If you haven't paid by Registration Day, a visit to Student Accounts will be in order. This may require unending patience due to long lines and long-winded explanations; best to avoid this madness, if possible.

You should never wear your best trousers when you go out to fight for freedom and truth.
— Henrik Ibsen

Financial Aid

Undergraduates

Money for undergraduates normally comes in package deals, part scholarship, part loan, part term-time job. The amount of each is determined by the people in the Financial Aid Office (5-119,x3-4974) from data you and your parents have given them. The resources are very tight, but they are there to be used, so if you need money go check things out there; don't give up. Deadlines will be published for the upcoming school year. **Caution:** Your college work-study eligibility does *not* guarantee you a job when you arrive at MIT. It means that MIT expects you to contribute that amount to your support by working (or some other suitable means, i.e. loans) while at MIT.

If the cost of a college education continues to snow ball for many more year, a person can make a profit by remaining ignorant.
— Anonymous

Graduate Students

The Graduate School Office (3-136) and your own department's headquarters have all the information needed to apply for financial aid, including information on industrial and foundation grants. Most financial aid programs have early application deadlines, so get to work early.

The Graduate School Office can be particularly helpful with applications for national and MIT fellowships. You can get advice on fellowship opportunities, an advance on your funds, and other various information.

It is better to apply for a 12-month federal fellowship than a 9-month fellowship; your chances are as good, and after you receive the reward you can change it to nine months without any trouble. The reverse is much harder.

You will find that your department is instrumental in almost all financial support decisions. It also has an intimate grasp of what opportunities are available, both inside and outside MIT. Be sure to keep in touch with both your advisor and department headquarters.

Between 80 and 85% of grad students are receiving some sort of financial aid through MIT, their governments, an outside foundation, or some other means.

There are Research Assistantships (RA's), Teaching Assistantships (TA's), Federal Traineeships, industrial grants, MIT awards and other random sources of income for graduate students. Some of these kinds of support, e.g. RA, TA, are obtained from the department, while some come through the Graduate School Office. Other sources such as state and federal loans come through dealings with the Financial Aid Office.

There are some legalities involved; RA grants are usually tax-free, while TA grants are not. Foreign students are not usually eligible for Federal fellowships. Be careful to read all the fine print. Your department and the Grad School Office should be able to help out.

It depends on how carefully you think about it. If you don't think very carefully it's obvious, but if you think very carefully you'll get confused and it won't be obvious.

— Professor Baltay

Loans

Both undergraduates and graduates apply for loans at the Financial Aid Office (5-119,x3-4974). Although scholarships are disbursed on a scheduled basis, loans can often be arranged to fill unforseen gaps in your budget. Jobs are sometimes provided for the same purpose. **Note:** If you are granted a loan, be sure to go to the Student Loan Office (E19-225) and sign for it at the beginning of the term. Otherwise it is likely to go away in a month.

Emergency Loans: See **Emergency Information** in the "Help!!" section of this book.

The lack of money is the root of all evil.

— Mark Twain

Financial Aid vs. Grades and Disciplinary Action

Undergraduates: Need is the only criteria that determines how much aid you get and how it is split up.

Grads: Academic performance *is* still important for financial aid.

So the Financial Aid Office Screwed You:

1. Try a different interviewer. Impress upon the person that you *need* the money.

2. Get in on your state loan program; check with the Financial Aid Office. In most cases, the loan will be interest-free until you get out of school, grad school, the Peace Corps or military service.

3. Have your parents get a loan from their bank.

4. Try to get a term-time job. Check at the Student Employment Office (5-119,x3-4973), which is behind a bulletin board in the Financial Aid Office.

5. Veterans, check on your VA benefits with Stan Hudson at the Fin. Aid Office (5-119, x3-4974). Social Security benefits are handled at the Registrar's Office (E19-335, x3-4784).

Prosperity doth best discover vice, but adversity doth best discover virtue.
— Anonymous

Special Payments

There are special advisors, assigned by classes for undergrads and by schools for grads, in the Student Accounts Office. Check for yours in the gray section of your *Student Directory.*

If you are taking fewer than 31 units, you can arrange to pay tuition on a per unit basis. Check with the DSA for the necessary paperwork. *Warning:* if you wait too long before doing the paperwork, you will have to pay full tuition. The Deans' Office can also help you if you feel that you have run into extraordinary difficulties and you don't want to pay full tuition (e.g. family emergency that caused you to leave school for seven weeks, then return just in time to flunk your subjects). Each case receives individual treatment, and the deans are understanding in cases of genuine problems. Check with them (5-104,x3-4861, or 7-133,x3-6776).

Work

Jobs During the School Year

Finding a job is not too difficult; finding one you like may be a little harder. During the school year over 3000 undergraduates seek and locate part-time employment on campus ranging from working desk in the dormitories to operating the MIT reactor. The libraries, dormitories, and dining halls usually hire during the first week of the fall term. Be on the alert for sign-up meetings and get started early or you will miss your chance. If working in Lobdell doesn't appeal to you, check the Student Employment Office (5-119, within the Financial Aid Office). They maintain listings of jobs within MIT and the Boston area. They provide contacts — you must follow them up.

Research projects are also a good supply of jobs. The work ranges from drudge work to something you can do a thesis on (often within the same job), and even the drudge work can be better than being a dishwasher. UROP publishes a booklet each year listing hundreds of professors and labs and their areas of research. Find professors in fields that interest you and start asking. It may take a while, but you should be able to find something. Funding can come from the professor's research grant, UROP (check their booklet for details), or the College Work-Study Program (CWSP, eligibility for this varies, check with the Financial Aid Office). Very often some combination of these is used.

Three jobs that are almost always available:

1. Psychology experiments. Quick, easy, small money. Call x3-5749 or x3-5751, or check 9.00 lectures.

2. Dietary experiments. Slow, bad-tasting and restrictive, featuring complete measurement of dietary input and output, big money. Call Edwina Murray (20A-221,x3-4073). Also check posters. Some studies, for less compensation, are for shorter duration and are less restrictive.

3. Campus publications (including *HoToGAMIT*) are always looking for people to sell ads — it's hard work, but usually pays a commission of at least 15%.

Summer Jobs

Decide what you want to do over the summer before Christmas, so you can visit hometown firms over the winter vacation and beat the rush (but not by much).

If you're preparing a resume be clear and precise. Don't undersell yourself, but don't make claims you can't substantiate. Use your good sense and you should be able to present a good resume that will enhance your job chances. Be sure to have some good references in mind. (See **Getting a Recommendation** in **Academics**.)

Check your abilities. Do you speak a foreign language? Can you program computers? There are often vacancies available for people with esoteric skills, even though the general job market is bad. You might even try looking for a foreign job.

There are some openings with the state or federal Civil Services. Unskilled or semi-skilled government work isn't the greatest thing in the world, but it's available and it won't tax your mind. If you want to take a Federal Civil Service Exam, contact the Placement Bureau or call 223-2571 for information (try not to call between 11am-2pm, as you'll probably only get a recording). For state civil services, check with the particular state.

Note: Some large cities have MIT alumni clubs which may invite you to a gathering over Christmas vacation. A good many of these alumni are likely to be businessmen with jobs available for students from their alma mater. Check with these gatherings if you're looking for an interesting summer job.

The Career Planning and Placement Office (12-170,x3-4733) sponsors interviews with companies who sometimes are looking for summer workers. Check under **Permanent Employment** in this chapter for other resources.

Many students start or continue research projects during the summer. UROP helps fund many of these jobs. Their application deadline comes in mid-April.

If you're around Boston and can't find another job, try some of the odd jobs listed in the *Boston Phoenix/B.A.D.*. They might provide interesting non-academic employment (e.g. carpentry, electric wiring, etc.).

The true test of intelligence is not how much we know how to do, but how we behave when we don't know what to do.

— John Holt

Permanent Employment

No matter what you intend to do, get started early. Junior year is certainly not too early to start thinking about graduation and what you plan to do afterwards.

The **Career Planning and Placement Office** (12-170,x3-4733) serves both students and alumni. They sponsor meetings between students and recruiters. Check their office for schedules. They also publish a *Placement Manual* and distribute the *College Placement Annual* (helpful even for summer employment) and have an extensive library of job contacts.

If you are interested in a career in law, medicine, or education, there is the **Preprofessional Advising and Education Office** (7-102,x3-4158). Check under **Prelaw, Premed and Education Counseling** in **Academics**.

Your department *should* be able to offer career guidance, and your advisor *should* be capable of helping you sort out possibilities, with special knowledge of your abilities and preferences. Also try the professional societies such as IEEE, ASME, and AIChE.

The **Industrial Liaison Office** (39-623,x3-2691) keeps in close touch with companies around the world. Though its main function is not career counseling, but rather industrial liaison, you might try to get an advisor in ILO. Try hard.

The **Center for Advanced Engineering Study** (Building 9), like the ILO, is pitifully underused. Its basic function is to give advanced and refresher education to scientists and engineers working in industry, but you can use it to find out where things are in the outside world, who's working on what, and to build contacts with workers in your field.

Money

Banks

A survey of the services offered by nearby banks was taken in June 1982, and the results are shown in the chart on the following pages. Note that most banks require a minimum balance for free checking. The chart indicates the requisite minimum and lists the service charges incurred if the account falls below that. Except where noted, NOW account interest is 5¼%, paid on accounts of at least $10.

Location	Hours	Services
BayBank/Harvard Trust	**661-3300**	
Harvard Square	M-F 8:30-5, S 9-1	5¼% savings
Central Square	M-F 8:30-4, S 9-1	Regular checking — $300 minimum or $600 in savings
Kendall Square	M-F 8:30-4, S 9-1	NOW — $600 minimum or $1200 in savings
Technology Square	M-F 8:30-4, S 9-1	Service charges — $2.50/month + $.30/check or deposit
		AUTO-tellers
BayBank/Middlesex		
Inman Square, 868-3700	MTWF 8:30-4, R 8:30-6, S 8:30-12	Same as above
Lechmere Square, 868-4400	M-F 8:30-4	
Boston Five	**742-6000**	
10 School St.	M-F 8:30-4, S 9-1	5½% savings
Boylston St. (by Pru)	M-F 9-4, S 9-1	NOW — $500 minimum
Boylston St. (by Berkley)	M-W 9-3, RF 9-5:30	Service charges — $.20/check or $2/month (whichever is greater)
		AUTO-tellers
Cambridge Savings	**864-8700**	
Harvard Square	M-F 8-5:30, S 9-1	5½% savings
Kendall Square	M-R 8:30-3, F 8:30-6	NOW — $500 minimum
		Service charges — $.10/check
Cambridge Trust	**876-5500**	
Harvard Square	M-F 8-3 (window til 5), S 9-12:30	5¼% savings
Kendall Square	M-F 8-3 (window til 5)	Regular checking — $100 minimum
		Service charges — $2.50/month + $.15/check + $.20/deposit + $.05/item in deposit
		NOW — $250 minimum
		Service charges — $2.50/month + $.15/check
Cambridgeport Savings	**661-4900**	
Central Square	MTWF 8:30-5, R 8:30-6, S 9-1	5½% savings
		NOW — %500 minimum
		Service charges — $.10/check after first five checks
Central Co-operative	**628-4000**	
Central Square	M-F 8:30-3	5½% savings
		Regular checking — no minimum, no charges, pays 1% interest
		NOW — $500 minimum
		Service charges — $3.00/month
Capitol Bank and Trust	**723-5300**	
Beacon St.	M-R 8:30-4, F 8:30-5	5¼% savings
Boylston St.	M-F 8-5:30	Regular checking — $300 minimum
		Service charges — $2.00/month + $.15/check
		NOW — $400 minimum
		Service charges — $3.00/month + $.15/check or deposit

Charlesbank Trust	**864-4444**	
Central Square	MTWF 8:30-5, R 8:30-6, S 10-1	5¼% savings
Harvard Square	MTWF 8:30-5, R 8:30-6, S 10-1	Regular checking — $300 minimum
Kendall Square	MTWF 8:30-5, R 8:30-6, S 10-1	Service charges — $2.00/month + $.15/check
		NOW — $500 minimum, 5% interest, no interest if below $500
		Service charges — $3.00/month
		Food Stamps and T-passes
Coolidge Bank and Trust		
Kendall Square, 354-1036	M-R 8:30-4 (window til 5)	5½% savings
	F 8:30-5 (window til 6)	Regular checking — $200 minimum
Harvard Square, 354-3616	M-f 8-4 (window til 5)	Service charges — $1.00/month + $.20/check or deposit
	Drive-thru window M-F 9-5	NOW — no minimum balance, no service charges
		Automated tellers at all branches
First American Bank	**266-1206**	
Boylston St.	M-F 8-5:30	5½% savings
		NOW — $1000 minimum
		Service charges — $.25/check or $2.00/month (whichever is greater)
First National Bank of Boston		
Federal St., 434-2200	M-F 9-6	5½% savings
Prudential Plaza, 434-8081	M-R 9-4:30, F 9-5:30	Regular checking — $300 minimum
Kenmore Square, 434-3461	M-R 9-4:30, F 9-5:30	Service charges — $2.00/month + $.15/check
		NOW — $600 minimum
		Service charges — $2.00/month + $.25/check or deposit
		AUTO-tellers
Freedom Federal Savings	**876-8128**	
Harvard Square	M-F 8:30-5, S 9-1	5½% savings
		NOW — $300 minimum
		Service charges — $3.00/month + $.15/check
New England Merchants		
Milk St., 742-9360	All branches: M-F 8:30-6	5¼% savings
Kenmore Square, 267-0042		Regular checking — $300 minimum in savings and checking combined
Copley Square, 742-4000		NOW — $500 minimum
		Service charges — $2.00/month + $.15/check
Shawmut County Bank		
Central Square, 661-5000	M-W 8:30-3 (window til 5)	5¼% savings
	R 8:30-6, F 8:30-5	Regular checking — $300 minimum
Lechmere Square, 661-5200	M-W same, R 8:30-5, F 8:30-6	NOW — $500 minimum
		Service charges — $1.75/month + $.25/check
		AUTO-tellers

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Cashing Personal Checks

You can cash personal checks up to $100 (or larger, with the approval of the Bursar or Assistant Bursar) at the Cashier's Office (10-180, open 9-3). A valid MIT ID is required, however, there is a 25¢ charge, and no third-party or payroll checks are accepted.

Of course, the bank at which your account is held will cash checks drawn against it free of charge. Banks are generally open 9am-3:30pm Monday through Friday, and some feature extra hours each day and/or Saturday.

Note: If your account is in one of the Shawmut banks, your checks cannot be cashed by other banks in the Shawmut Association — you *must* go to your own bank. Also, the BayBanks are affiliated by the name after the slash (e.g. BayBank/*Harvard*, BayBank/*Middlesex*, etc.). You may use the Something Better card to withdraw or deposit from *all* branches statewide.

Many supermarkets in the area cash checks for a service charge if you have a courtesy card for that store. Apply for one at the customer service booth. The limit on how much you can cash varies from $25 to $100 for a personal check, more for a paycheck.

Income Tax Information

Federal: Check with the Internal Revenue Service in the JFK Building downtown (Government Center Boston) or call 523-1040.



Gorilla-ish

A Cambridge Savings Bank NOW Account is among the largest of its species, paying the highest amount of interest allowed by law. 5¼% every day, on everything over $10. And if your NOW account weighs in with a $500 minimum balance every month, the service charges are on us.

Cambridge Savings Bank is predominant in this area with four locations in Cambridge and one in Belmont that you can walk to, bike to, or take the "T" to.

When it comes to making our customer's money work harder, we have been known to roar and beat our chests loudly.

Money in the bank is still the best feeling in the world.

Cambridge Savings Bank

864-8700 Member FDIC

State: Check with the Revenue Department, Taxpayer Assistance Bureau (100CambridgeStBoston,727-4545).

International Students: Call the Alien Tax Information Office, 223-3446 or contact the IRS at 523-1040

Credit Cards

Following the national trend toward cashless purchasing, many stores now accept various kinds of credit cards. In addition to the various general cards, such as MasterCard or Visa, there are many store-specific credit cards such as those issued by Jordan Marsh, Filene's, and many other large department stores. For a student to obtain any credit card may be difficult, however. The major obstacle is the requirement of an income of at least $9,000 a year (in some cases, more). This is enough to prevent most full-time students from obtaining a card. However, some agencies will allow you to get a card if your parents are willing to sign a letter guaranteeing that they will pay your unpaid bills. Your best bet is to check with the individual store or company about this procedure.

There is one notable exception to the hassle over obtaining credit cards, namely the **Coop** card. Coop cards are easy for students to obtain (check with Customer Service in back of the Tech Coop), and entitle the owner to full charging privileges at any branch of the Harvard Cooperative Society. As with any credit card, you have to pay the full amount of purchases charged each month, or pay a monthly finance charge (maximum of 1½% per month).

No matter whether it's
A.M. or P.M., or you drive a BMW, VW or K car
or listen to BZ, HDH, or JIB,
A.B.'s, Ph.D.'s, B.Sc.'s, Mr.'s, Mrs.'s, Ms's, Mmes,
at M.I.T. will find our A.T.M., A-OK.

Cambridge Trust's ATM's (Automated Teller Machines) can perform virtually all banking transactions a teller can, electronically, 24 hours a day: make withdrawals or deposits, transfer funds between accounts, pay a loan or MasterCard bill, or find out what your balance is, at your convenience.

It's easy to sign up. Call us or stop into our Kendall Square office. We'll make sure you're on-line (and out of lines) A.S.A.P. or P.D.Q.

Cambridge Trust Company

Harvard Sq. | Kendall Sq. | 358 Huron Ave. | 876-5500 | Member FDIC

Along with credit cards have come credit card thieves, who are expert at changing the signatures and even the photographs on a card, and running up tremendous bills with it. If your credit card is lost or stolen, report it immediately. Most cards carry a liability limit of $50, but the trouble and inconvenience associated with forged charges and getting a new card make it worthwhile to keep careful watch on your credit cards. After you report the loss of a credit card to the bank, you cannot be charged for purchases made on it, even below the liability limit. It is a good idea to keep a list of all credit cards and numbers to be able to report a stolen card. Also be sure to check out liability commitments for each credit card you have; if the limit is unacceptably high or non-existent, get some insurance on your cards (available at most banks).

Business? It's quite simple. It's other people's money.

— Alexander Dumas the Younger

Insurance

The most important point is to find a reputable insurance company. This, among other things, means going to a state-licensed agent who represents a well-known company. Rates don't vary at all in Massachusetts. Buy your insurance elsewhere if you can. Beware of salesmen who add "service charges" on top of the normal bill. Be cautious also about mail solicitations. Above all don't be afraid to ask questions and make sure you know all the details before signing.

For information on automobile insurance, see **Insurance** in the **Travel and Transportation** section. For information on Medical Insurance, see the **Medical** section of the **Facilities** chapter.

Life Insurance: If you do decide to buy life insurance, Savings Bank Life Insurance (available at any bank with the words "Savings Bank" in the title) is the best deal you can get as a Massachusetts resident.

Student Life Insurance: Unless you already have dependents, there is absolutely no reason to insure yourself. Even if you should die before you have paid off your educational loans, they will be waived automatically, and your parents will not be hit with an unexpected debt. Don't be taken by promises of preferential rates later when you sign up for full insurance; by the time you need it you will have a much better idea of what you want. Check with a lawyer if you want further details.

Riches are for spending.

— Francis Bacon

Personal Property

In general if you are still part of your family's household, i.e. you are still a dependent, your personal property, including bikes and stereos, will be covered by any standard homeowner's policy. If you are not covered in this way, you can take out a tenant's policy which is generally a "$50 deductible" policy (i.e. you pay the first $50 of any loss). The premiums vary from about $50-100 for about $7,000 worth of insurance (generally a minimum), so check what you have and decide if it's worth it. Certain items might have to be insured by means of floaters, such as jewelry, as part of homeowner's insurance.

MIT is like a whore : first you pay your money, then it screws you.

— Anonymous

Operation Identification

To reduce the chance of theft (and increase the chance of having your possessions returned if they are stolen), Campus Police is participating in "Operation Identification." Under this program the Police has electric scribers available for loan, so that you can engrave your Social Security number (ID number) on your cameras, stereos, etc. This permanent marking makes the property readily identifiable as yours, and thus harder for a thief to sell.

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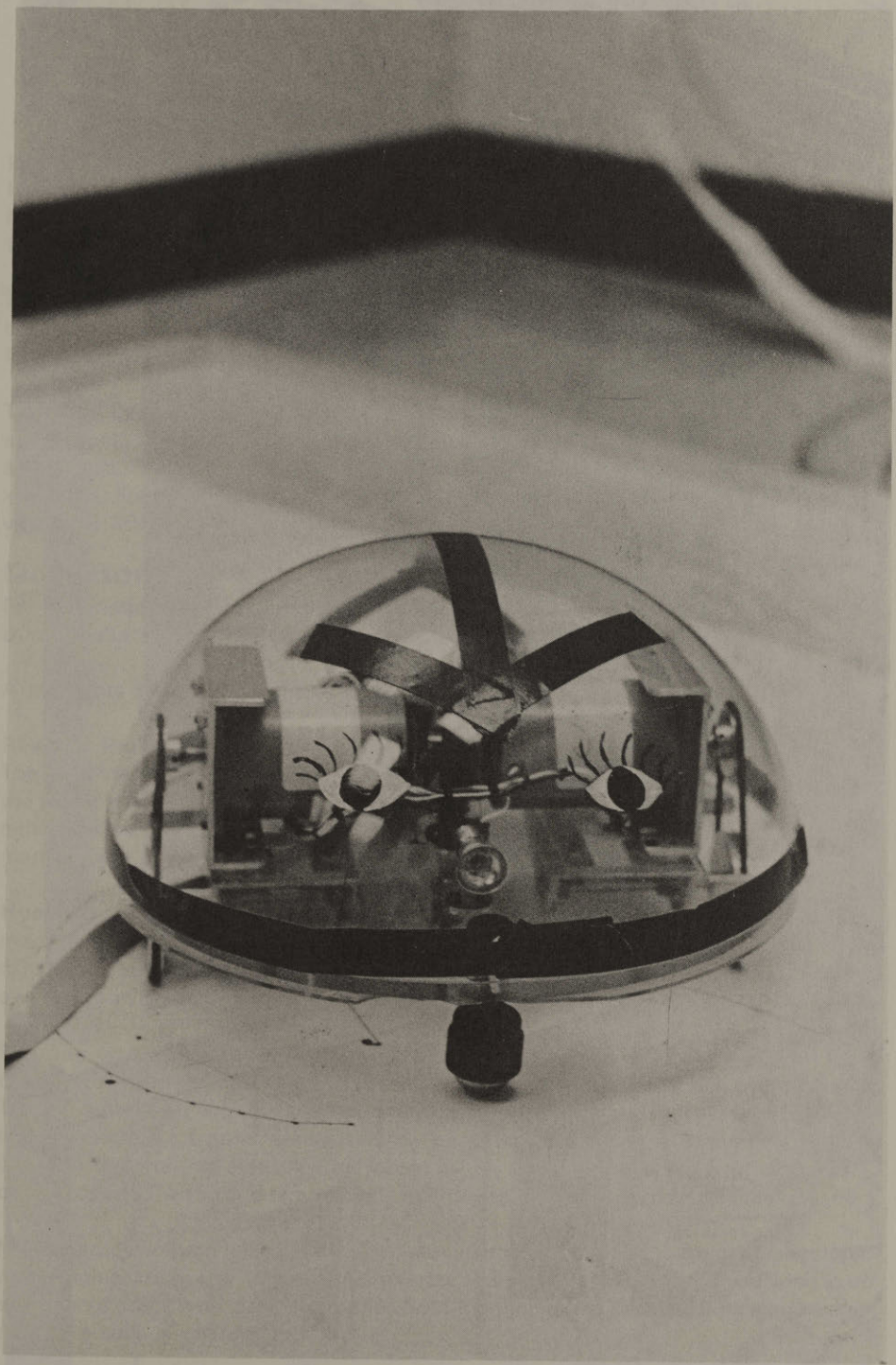
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Housing

Living conditions can affect both your social and academic success while at the Institute. Accordingly, great care should be taken in deciding where to live, as transfers become increasingly difficult as the extent of the change increases (see **Moving Between Modes**).

Note: Like most large urban areas, Boston and Cambridge have an ample supply of individuals who make it their business to relieve you of any movable item not securely locked away. *Don't say we didn't warn you!*

There are four types of housing available to MIT people: dormitories and on-campus apartments, fraternities, MIT-affiliated independent living groups, and off-campus apartments. Students with housing problems can turn to Dean Bob Sherwood (7-133, x3-4051). For off-campus housing information consult the Off-Campus Housing Service (E18-301,x3-1493).

Dormitories

For descriptions of the various dormitories, consult the *Undergraduate Residence Book*, available from the **Office of the Dean for Student Affairs** (7-133).

A few hints for some dormitory problems are listed below:

Physical Problems with Dormitories.
The desk staff and house manager can handle a wide variety of problems arising from the physical considerations of the dorm. Some dorms have listings of services provided, either posted or available for inspection. Ask. Complaints about desk staff should be made to the staff captain.

Humidity — During the winter, low humidity seems to be quite common in dormitories. If you continually wake up in the morning with a sore throat, try placing a few cans or dishes of water on the radiator. You'll be surprised how fast the water goes away, and even more surprised by what it leaves behind.

Painting or Remodeling a Room — The Institute provides free paint in any of eight colors to residents of East Campus, Senior House, and Bexley, once per year per room. To get paint, go to your house desk and choose your hues; the paint will be delivered there. Residents of other dorms should check with the manager before touching a brush to the wall, as they may be forced to pay to have the walls returned to their original color. One thing to remember is to order paint very early, it takes time to get it.

Non-destructive remodelling is OK in most cases as long as the room can be restored to its original state. The newer dorms tolerate less self-expression but if you wish to do something, check with dorm authorities first! Painting in the newer dorms may be considered a serious offense.

Pets — Pets are not allowed in the dormitories. While this rule has not been rigidly enforced in the past, complaints have increased recently. Tolerance of any animal's stay is subject to veto by any member of the living group, as the Housing Office will then have to enforce the regulation. If you want to keep your beloved animal, make sure that your neighbors are not disturbed by noise, smell, or sand trays.

Wild Animals (Squirrels, Snakes and Bugs) — Despite appearances, the squirrels living on the East Campus are *not* tame. Don't leave food lying around your room in cardboard containers or plastic bags — the squirrels will gnaw through the window frame if they smell anything. Also, some of the biggest cockroaches in the East, as well as assorted mice, caterpillars, mosquitos and other vermin, inhabit those "verdant, ivy-covered halls of East Campus," as well as most other dorms, especially during the summer. They won't cause any problem, as long as you keep the windows closed or install a good screen. Roach Motels are available at dorm desks.

Waterbeds — Waterbeds are allowed in dormitories, provided that the floors are deemed strong enough to support them safely. You'll need to get the House Manager to approve the model and inspect the installation. As long as you treat the waterbed with care and don't puncture it accidentally, there should be no problems. (*Warning:* The standard lease for apartments specifically forbids waterbeds. If moving from a dorm to an apartment, check to see if you can take the waterbed with you.)

Refrigerators — In some dorms, refrigerator space is included with the room rent. If you don't get one or need more space, you can buy a used one for under fifty dollars from another student or one of the several used-refrigerator dealers in the area. Check *Tech Talk*, the *Yellow Pages*, and bulletin boards.

Telephones — Undergraduate dorms are equipped with dormlines. For operation and tie-in to the Centrex system see **Appendix 6**. Outside service can be arranged individually with the New England Telephone Co.

Locked Yourself Out of Room — With the advent of new doors and real locks in some dormitories, it has become much more difficult for the locked-out resident to pick his own lock. If the time-honored Coop card or coat hanger doesn't work, go to the desk and sign out a spare key (which is easier, and less suspicious-looking besides). If the desk is closed, find the night watchman or, in desperation, call the Campus Police, which has keys to everywhere. In most dorms, the president and chairman of the Judicial Committee also have master keys.

Valuables — Easily removable valuables, such as jewelry, money, watches, etc. should never be left unguarded in a dorm room, even for a short period of time. On lower floors, keep TV's, stereos, radios, tape recorders and the like out of easy sight through your window — no point in inviting trouble.

Bicycles — Most dorms have a semi-secure place to lock up your bike. However, lots of people use these areas; some may be careless and leave gates unlocked, reducing the security to the level of any back street in Cambridge. New and/or expensive bikes are safer for each additional lock between them and the bike market.

Varying Room Costs — The Institute gives recognition to the unequal desirability of rooms by charging slightly different rents for different rooms in some dorms. Factors that cause differentials include: number of people using kitchen and bathroom facilities, common space, closets, view, elevator service, trash collection, etc. The exact cost of your room will be charged to you on your financial statement.

Liability for Damages — You can be assessed for a share of any damages in your suite or floor that cannot be pinned on an individual. This bill must be paid before you can receive your degree.

A house divided makes many apartments.

— Anonymous

Fraternities and Independent Living Groups

MIT's 33 fraternities are diverse by any standard. They include all-male, all-female, and coed options; jock houses, tool houses, and hack houses plus houses with no specific characteristic. Descriptions can be found in the *Undergraduate Residence Book*, but the only way to get to know a house is to visit it. Rush Week permits freshmen and transfer students to visit a number of houses. Don't try to visit too many; it takes a while to get to know the place and the people. Three or four places are plenty to see during R/O Week. Always try to be yourself. Since the members know what their houses are really like, they can offer bids to those who will fit in best. If they know you will not be happy in their house, the members are doing you a favor by 'flushing' you.

Joining a Fraternity

Of those people who pledge fraternities, the vast majority join as freshmen or incoming transfers during R/O Week, although exceptions occur. The Interfraternity Council (W20-413) can provide more information.

Problems

If you are having problems with your fraternity, talk to one of the deans in 7-133(x3-4051). They can discuss your options (including depledging) and the merits of each. It is more important that you live as hassle-free as possible than to bow to social pressure.

Rush Violations and Inter-House Disputes

The Judicial Committee of the IFC is responsible for investigating house violations of rush rules, and with meting out penalties. If you have a complaint or want more information, contact the IFC Judicial Committee Chairman or the Rush Chairman (W20-413). During R/O Week they can be reached through Clearinghouse and/or the R/O Center.

Student House

Student House is an MIT-recognized cooperative coed dwelling. Because it is a cooperative, its members can save approximately $700 each year, compared to dormitory costs. Student House often has openings and accepts applications year round. For more information call, write, or drop by at the House itself (111BayStateRd-Boston,x3-3157or247-0506).

On-Campus Graduate Housing

Ashdown House: Procedures for getting into Ashdown House differ considerably from those of other houses. Graduates may apply as soon as they are admitted; so may those already living here and living off-campus. A lottery is held on approximately June 1 to fill the fall vacancies, and a waiting list is set up, from which the top 20 (more or less) people are usually accepted by August 15. After that, the waiting list is abolished and any remaining spaces are lotteried off during R/O Week (watch for notices). The probability of your getting in at the beginning of the spring term is fairly good (apply in December). Once you're in, you can stay until you finish your studies. Contact the Office of the Dean for Student Affairs (7-133,x3-4051). Note: If you start at the beginning of the summer term, you can move into Ashdown then, and keep your priority into the fall and beyond.

Tang Residence Hall: Assignments are made according to a Reference-Waiting list which gives highest priority to persons requested as roommates by current residents. To fill other vacancies, a lottery is held on June 15. As in Ashdown, chances for getting in are better if occupancy begins during the summer. Those wishing to live at Tang should go to the Housing Office (E18-301) to fill out the forms.

Off-Campus Housing

The housing situation around Boston is *bad.* Rents are high, quality is low, and tenant rights with respect to landlords are not well established. Be careful when looking for housing, and get all the help you can find. The first resource listed below, namely OCHS, should be an invaluable asset, if you make adequate use of its facilities.

Off-Campus Housing Service

If you think you want to live in an apartment, or even if you already have one, go to the Off-Campus Housing Service (E18-301,x3-1493). Ask for **A Guide to Security Deposits** and **Shopping for an Apartment**, which are sources of information on the legal and contractual side of renting. Like all OCHS services, it is free to MIT people.

Basically, you will have to:

1. **Find an apartment.** The OCHS operates a service for helping people find roommates and/or vacant rooms, and they maintain listings of vacant apartments. Plan on checking the lists early and often (like starting in July for a September lease), as the best offerings are taken quickly. There are commercial outfits which can find non-MIT roommates, though OCHS doesn't limit itself to Institute people, either.

2. **See the apartment.** Sign *nothing* until you are sure that the apartment is suitable and habitable; don't trust any verbal agreement. Also *do not* pay for anything before seeing the apartment.

3. **Sign an application form and make a deposit.** The larger realty companies require this. It is mostly to ensure that you can pay, but they can refuse your tenancy for very simple reasons, although grounds such as race, sex, age, nationality or possession of children are illegal. Once you sign the application, the landlord can force you to sign the lease, so read the lease first. On the other hand, there is no corresponding obligation for the landlord; he is *not* under contract until the lease is signed. Don't sign more than one application, or you could be in serious trouble.

4. **Sign the lease.** If your lease is the standard form of the Greater Boston Real Estate Board, or one of the forms used by several large realty firms, it will be several pages of obfuscatory small print. If you rent from an individual, the form will (hopefully) be short and simple. Read it. If something isn't specified it will work to your disadvantage, you can be sure, and you may be liable for rent even if it goes up halfway through the year. At the end of the year, you may be forced to rent for another twelve months unless you give notice some specified time in advance. The people who work in OCHS will be happy to examine the lease for you, and explain what the clauses mean and where you may have trouble. A lease is a contract. It can be enforced.

Prices vary widely, but they are high, compared to other cities. You will usually have to make a security deposit of from one to two months' rent. Leases usually run from September 1 to August 31, so remember that you are also promising to rent for the following summer. Subletting is legal only if the landlord agrees in writing, in which case you are still responsible to him.

It is also possible to rent by the month or even by the week, such an arrangement being called a Tenancy-At-Will. In this case the lease may be terminated by either side on written notice of the rental period plus one day. Furnished rooms may be had, and may include cooking privileges.

The Off-Campus Housing Service is always ready to handle questions and complaints related to off-campus housing. They maintain files on all kinds of relevant information: which of the local schools are worthwhile, official definitions of adequate heat and water, legal problems such as rent control, furniture stores and rental agencies. Also they have telephones on which you can call agents and landlords.

No house should ever be on any hill or on anything. It should be of the hill, belonging to it, so hill and house could live together each the happier for the other.

— Frank Lloyd Wright

Non-Resident Student Association (NRSA)

All undergraduate students not affiliated with dormitories, fraternities or Student House belong to the NRSA by definition; its facilities, parties and teams are open to all members.

The NRSA house at 311 Memorial Drive (dl9166) has beds for transients, showers, a meeting room, a small library, a kitchen, locker facilities, food storage facilities (including two refrigerators, one of which works well) and a tutor.

NRSA sponsors regular parties, cookouts, beach parties, and seasonal social events. A big part of NRSA is its athletic teams. Sign up in the house, check the NRSA bulletin board (Building 4 main corridor) or call the house or Athletic Chairman.

The major advantage of NRSA is that it furnishes a place to relax, meet people and do things you can't do at your room or the Institute. If you want to keep in touch with NRSA people, get your name on their mailing list.

Married Student Housing

Eastgate and Westgate: The application process for these units is unique. For information concerning this process, the availability of openings, and a description of their physical facilities consult the booklet entitled *Welcome to MIT: A Practical Planning Guide for New Graduate Students*, available in the Housing Office (E18-301).

Moving Between Modes

Generally, the difficulties involved in moving from one mode of residence to another are considerable. You can't move from a dorm to a fraternity unless invited, or from a fraternity to a dormitory unless you are a freshman. Finding an off-campus apartment can be a hassle, and once you're out of the dormitory system, it's virtually impossible to get back in; it is advisable to think out your moves carefully.

Transferring Within Dormitories

There is little problem. Consult your house room assignment committee for transfers to vacant rooms. In arranging a swap, make sure you are not violating any priority system.

Transferring Between Dormitories

The simplest way to transfer between dormitories is a one-for-one switch; find someone in your target dorm to trade spaces with you. This procedure is usually easiest between terms, though you can do it anytime. But note that you may not be able to trade rooms, only spaces — entering into a dorm as a newcomer, you may go to the bottom of its priority list; check with the room assignment chairperson first. Then contact the Dean's Office (7-133,x3-4051) to get final approval and settle administrative details.

Changing dorms without a switch is a bit more difficult, the chief constraint being available space. It is easiest at the end of the school year, and not too bad between terms. Check with the Dean's Office (7-133,x3-4051).

Transferring from a Fraternity to a Dormitory

If you decide during your freshman year that you wish to move from a fraternity to a dormitory, the Institute's housing policy guarantees you a space. See the Dean's Office (7-133,x3-4051). After freshman year, this can be difficult. Check with the Dean's Office. If you leave a fraternity you must pay the fraternity whatever you owe them before obtaining a dorm room. You should, in return, expect a proportionate refund from a fraternity at some time of the year — but the system varies from house to house.

Leaving the Dorm in Midterm

If you get a room in the dormitory system, you are considered responsible for that room unless you leave the Institute (see below), move to a fraternity or Student House, or explain to Barbara Chuck. Also, there usually is a "free" cancellation period near the end of the fall term; an announcement about this goes to all dorm residents late in the term.

If you withdraw from the Institute you must leave the housing system. During the first 12 weeks of the term, you get a proportionate refund.

People who withdraw from MIT and then return have as much chance of getting fall dorm space as a regular transfer, i.e., pretty good (the Institute now offers transfer students on-campus housing as availability permits). If you retain your student status while absent from the Institute, you do not generally lose your place in the dorm system, provided that you notify the proper authorities in advance.

For more information on any aspect of this problem, go to the Dean's Office (7-133,x3-4051).

Student Law

Most organized living groups and living group associations (e.g. IFC, Dormcon) have judicial committees, and laws which they enforce. These are student organizations enforcing student rules; consequently their power is limited, though they are backed by higher sources of power. Their regulations are printed and usually given to incoming members of the group. These rules are often quite flexible and subject to waiver for special cases.

If you have received a bad judgment, there are usually several ways to appeal, either within the local system, through the Undergraduate Association or Graduate Student Council Ombudsman, the Dean for Student Affairs Office, or the Committee on Discipline. Usually you should use the appeals procedures of the group involved first before trying any higher.

Extreme law is often extreme injustice.

— Terence

Eating

Commons

It is somewhat ironic (and fitting) that Compulsory Commons returned to MIT with the Class of 1984. . .

Meal plans are of the 'point' variety: three points are required for the purchase of dinner, two points for lunch, and one point for breakfast. The minimum purchase is 160 points; additional points may be purchased in 50 point blocks.

Meals may be purchased with or without seconds on entree, dessert and vegetables. All meal plans in House dining halls in McCormick, Baker, MacGregor, and 500 Memorial Drive provide unlimited beverages, bread, and salad.

Included with the purchase of a meal plan is a Vali-Dine picture ID with a magnetic strip on the back. This card will be used to pay for meals on the meal plan, to extend your meal plan in 50 point blocks when your supply runs out (at a lower rate than the initial 160 points) and to purchase a la carte meals and snacks in the dining halls that have a la carte service (Lobdell and Walker) and in snack bars (Twenty Chimneys, Pritchett Lounge and 500 Memorial Dr. grill). You may charge up to $100 in a la carte purchases before your credit runs out.

Purchases of a meal plan are required for freshmen, sophomores, and juniors in Baker, McCormick, MacGregor, and 500 Memorial Dr. Also, freshmen in East Campus and Senior House are required to purchase meal plans.

On weekdays, contract meals are available in Walker, Baker, McCormick, MacGregor and 500 Memorial Dr. On weekends, Lobdell Dining Hall (in the Student Center) is the only Commons facility open. In addition, Baker House dining hall will provide 'late' dinners on weekdays Monday through Thursday.

There is new machinery for overseeing Dining Services' management, quality of services, and responsiveness to student needs. It should be noted that this only came about due to student protest; if you don't air your gripes, this regulation will become useless. Anita Walton (7-133,x3-4051) is the Program Coordinator for Dining and Residence Programs. She is responsible for the design, implementation and evaluation of the Dining Program. In addition, she will serve as the interface between the ODSA, Food Services and the student body. If you care about what you currently eat and what you will be eating in the near future, don't be a stranger, go over and say 'Hi.'

MIT institutional food is above-average for college campuses (ask any Harvard student — he'd die for the slop we get here). However, that doesn't say much. It is also of questionable nutritional value. Lastly, it is overpriced (you can buy orange juice at Stop and Shop cheaper than Dining Service pays for theirs).

What you eat can't eat you, therefore, eat all you can.

— E. Jean Bradley

Commons will cost you $7-12 per day (three meals a day). Sign-up for Commons occurs at the beginning of the semester, before people have time to figure out how much more it costs than purchasing meals a la carte. Dining hall hours vary, but approximate times are 7-10am for breakfast, 11am-2pm for lunch, and 5-7pm for dinner. During vacations most dining halls are closed.

Cooking It Yourself

Many students at MIT prefer to cook for themselves. There are a number of advantages to supplying one's own meals, one being that you can choose what, where, and when you eat. Economic factors are by no means trivial, either. One can easily save 50% over Commons prices, and a thrifty student can cut the cost (and his body weight) by 2/3 or more. Other factors to consider when deciding about cooking for yourself are your ability to cook and time commitments. It takes a non-negligible amount of time each day to cook and clean up. Many students find that getting together with friends to cook can save a lot of time and money.

Facilities for cooking range from practically nil in the older dorms to complete kitchens in the newer ones. Be sure to check the cooking facilities in any dorm you are considering, even if you're sure you don't want to cook for yourself. Commons has changed quite a few minds in this respect. Used refrigerators are commonplace in the dorms and not hard to come by. Functioning refrigerators can be purchased for $30-60. Check the ads in *Tech Talk* and on the walls of the Institute. Quite a few students make do with don't give up hopes of cooking for yourself because of lack of kitchen space.

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Kosher Kitchen

The Kosher Kitchen is located in the basement of Walker Memorial (50-005). It serves five dinners per week Monday through Friday. The meals are catered and served and everybody is expected to pitch in to help clean up. For more information call the Hillel Office (x3-2982).

Summer Residence

Many people prefer not to go home for the months of June, July and August. For such people, the situation is far from hopeless. Most dormitories stay open, although they will probably consolidate summer residents to fill one floor or one entry. The rest of the space will be filled at times with alumni here for Alumni Weekend, conventioneers, or other visitors. The rent is comparable with the regular rent; all this is explained in a handout which is sent to dormitories in the spring. Some fraternities offer a better deal. Rather than have rooms standing empty, they will take in people for the summer at low rents. Others are just as expensive as the dorms. Apartments are also sublet at reasonable rates.



Facilities

MIT is in many lines of business; perhaps you have come into contact with its educational subsidiary. In addition to facilities directly related to education, the Institute has machine shops, art studios, graphic services, and all the comforts of a large resort community. Whatever your heart desires, it is probably available right on campus.

Finding exactly what you want, however, is not always easy. You might start with the Information Office (7-121,x3-4795). Or you can take a fantastic voyage through the pages of your MIT phone book.

We list here only a few of MIT's more interesting, easily accessible facilities. Institute museums are found in **Things To Do**.

Libraries

The MIT Library System

Five divisional libraries — Barker Engineering, Dewey, Humanities, Rotch, and Science — as well as several branch libraries and special service units make up the MIT Libraries. The system is not as complicated as it sounds because each of the divisional libraries houses major subject collections that correlate generally to MIT's five Schools: Barker, the engineering collection; Dewey, social sciences and management; Humanities; Rotch, architecture and planning; and Science.

To find out which library covers a particular subject or where a certain book is, call or visit the Insitute Library Catalogue (ILC) in the Humanities Library (14S-200,x3-5681); the ILC contains a record of all catalogued material in the MIT Libraries. If you want to have a book that is located in one library delivered to another MIT library more convenient for you, telephone 3-5681 to place the request.

The major library units are:

- Aeronautics and Astronautics (33-316, x3-5665) MTWRF 9-6, Sat 12-4, Sun Closed
- Barker Engineering (10-500, x3-5661) MTWR 9-11, FSat 9-8, Sun 1-11
- Chemistry Reading Room (18-480, x3-1891) MTWRF 10-5, Sat-Sun Closed
- CLSS (Computerized Literature Search Service) (14SM48 x3-7746) MTWRF 9-5 Sat-Sun Closed
- Dewey (Management and Social Science) (E53-100, x3-5676) MTWR 8:30-11, F 8:30-8, Sat 9-8, Sun 1-11
- Historical Collections (N52-260, x3-4444) MTWRF 8:30-5, Sat-Sun Closed
- Humanities (14S-200, x3-5681) MTWR 8-11, F 8-8, Sat 9-8, Sun 1-11
- Institute Archives and Special Collections (14N-118, x3-5688) MTWRF 9-5, Sat-Sun Closed
- Lindgren (Earth Sciences) (54-200, x3-5679) MTWR 8:30-11, F 8:30-8, Sat 10-6, Sun 2-11
- Music (14E-109, x3-5689) MTWR 8:30-11, F 8:30-8, Sat 10-6, Sun 1-11
- Reserved Book Room for Humanities and Science (14N-132, x3-5675) MTWR 8-11, R 8-8. Sat 9-8, Sun 1-11

Rotch (Architecture and Urban Studies) (7-238, x3-7052) MTWR 8:30-10, F 8:30-8, Sat 12-6, Sun 2-10
Schering-Plough (Medical Research Material) (E25-131, x3-6366) MTWRF 9-7
Science (14S-100, x3-5671) MTWR 8-11, F 8-8, Sat 9-8, Sun 1-11
Von Hippel Materials Center Reading Room (13-2137, x3-6840) MTWRF 9-6 Sat-Sun Closed

Some general notes on the libraries:

Your MIT student, faculty, or employee ID serves as an MIT library card and must be presented when books are checked out. Families of MIT students, faculty, and employees are entitled to full library privileges with an affiliate card, which may be obtained by applying at any circulation desk.

MIT librarians are professionals, and can help a great deal.

Brochures describing the libraries and their services are available at each unit.

You may renew no more than three books by phone if they are not overdue; all you need is the call number. To renew more than three books, visit the library in person, or send them a list (prefeably in catalog number order) of the books you want renewed.

A three day grace period is given on overdue books, but after that, the fine includes these first three days. Fines should be paid *when the book is returned*; if it is not, the library will change a minimum $5.00 fine for billing.

You may order a search for a book you don't find on the shelf; ask at the circulation desk.

All libraries have 5¢ copy machines.

If the MIT Libraries do not have something you want, you may be able to get it through the Interlibrary Borrowing Sevice or the Boston Library Consortium. Members of the Consortium are Boston College, Boston Public Library, Boston University, Brandeis University, Northeastern University, Massachusetts State Library, Tufts University, University of Massachusetts Amherst/Boston/Worcester, and Wellesley College. You may apply for a Consortium card at Humanities Reference (14S-200,x3-5683); the Interlibrary Borrowing Service is also in the Humanities Library (14S-200,x3-5684).

"Reserve" collections of books required for courses are scattered among various libraries. Reserve books may circulate only within the library and overnight. Heavy fines are charged by the hour if you return them late. If you need to keep a reserve book out longer, check to see if there is a copy in the regular collections. The Student Center Library is a non-circulating collection, open 24 hours a day, of books and articles selected by faculty members as required reading for MIT courses with large enrollements.

Special Features of the MIT Libraries

Barker Engineering Library has audio-visual instruction on how to use the card catalogue, selected printed indices, super 8 film loops, and videotapes. Barker also has many tapes on Institute courses. Historical Collections serves as MIT's museum, and the Institute Archives and Special Collections has manuscript and archival collections, MIT theses, and rare books. The Humanities Library has best sellers, leisure reading, college catalogues, telephone books, and general magazines and newspapers. The official Airline Guide, as well as information on airline history, is available at the Aero/Astro Library. The Reserve Book Room has mystery novels in addition to books on reserve for Humanities and Science Department courses. Rotch Library often has interesting art and architecture exhibits, as does Rotch Visual Collections, where slides, films, and videotapes are housed. The Stein Club Map Room in the Science Library contains USGS topographic maps. Other maps, including ones on geology and oceanography, are in Lindgren Library, where there is a seismograph that picks up earth tremors throughout the world.

Other Libraries at MIT

There are quite a few departmental and laboratory reading rooms, often containing materials unobtainable elsewhere. Many have thousands of items in specific fields.

The MIT Science Fiction Society Library, a student maintained facility, has the world's largest open-stack SF collection (W20-421, dl5-9144). Hours are irregular (though usually posted on the door) and browsing is engouraged. You must be a member to borrow books: membership costs only a few dollars per term.

Some dormitories support their own small libraries. Check with the main desk.

Many faculty members have personal libraries from which some students may borrow.

The MIT Outing Club (W20-461, x3-2988) has a small reference library of outdoor guidebooks, instructions books, safety books, expedition histories, outdoor periodicals, and New England and New York USGS topographic maps.

The Religious Counselors' Building (W2A) has Catholic, Protestant, and Jewish collections. The Hillel Library has 2800 volumes of Judaica in several languages.

An apology for the devil: it must be remembered that we've only heard one side of the case. God has written all the books.

— Samuel Butler

Other Libraries Around Boston

Don't limit yourself to MIT Libraries. The Boston area has many excellent libraries that students can and should use.

Harvard University has a tremendous library system, but it is difficult to get stack privileges. A letter from an MIT librarian verifying that the materials you want are unavailable at MIT or any Consortium library should be all you need to be given restricted access to Harvard LIbrary materials. Ask at any MIT library for further information. The easiest way to use another university library is to get a friend there to take out books for you.

Wellesley College Libraries loan books to MIT students. The hours are 8:30am to midnight on weekdays, 9 to 9 on Saturdays, and 10am to midnight on Sundays. You can take out as many books as you want and they may stay out for four weeks. Fines are cut in half if you pay when you return books. The Wellesley Library reference desk can be reached from an MIT extension by dialing x187-0320.

Boston University's Mugar Library is on Commonwealth Avenue at the BU Student Union. It has extensive and wide-ranging collections, pleasant atmosphere, and is a good place to meet BU students and study. MIT students need a pass to enter; a BU pass is obtainable at any MIT Library for use of materials not available here. These materials may only be used within the Mugar Library.

Boston Public Library at Copley Square (with branches elsewhere) is a large research library. It also has many circulating books and stereo records (which are normally in rather poor shape unless you get them when they're new), out-of-town newpapers and periodicals, and loads of reference material. It's open M 1-9, TWR 9-9, F-9-5 and closed on weekends. To get your card, show your MIT ID and fill out an application form. Suburbanites are also eligible for cards.

Cambridge Public Library (449 Broadway, branches and bookmobiles) is large and easy to use (open stacks). It usually has several copies of the current best sellers. Reserve one and wait your turn. If you don't live in Cambridge you must show a BPL or other library card to get a card.

Brookline has a public library (361WashingtonSt and branches) whose collection is similar to Cambridge's. Cards are free to Brookline residents; others must pay $3.00.

All the suburbs and towns around Boston have their own libraries. Collections are normally aimed at the general reader and all have special children's sections. Some have film and lecture programs.

There are several special-topic libraries around Boston: some (such as the Athenaeum) have formidable defenses against entrance by common students. Check with the MIT librarians if you're interested or have special needs.

Reading is to the mind what exercise is to the body.

— Sir Robert Steele

Other Services

Audio-Visual

Audio-Visual (4-017,x3-2808) rents out projectors and projectionists, tape recorders, public address equipment, overhead and opaque projectors and other AV equipment. They supposedly keep their prices low, but you may be able to get a better price at your friendly neighborhood camera store.

Chapel

The MIT Chapel is open daily from 7am to 11pm for private meditation. Services of many faiths are held throughout the week; check the Calendar in *Tech Talk* for a listing of all religious activities. The Chapel is available for weddings, christenings, memorials, and other services; scheduling is done through the ODSA (W20-345,x3-7974). For more information, see Religious Groups in the Groups Chapter.

Computer Time

There are many computers on campus, and several means of getting time on them. The Student Information, Processing Board (SIPB, 39-200, x3-7788) manages a budget for computer time for general student use. Check with them for more information.

To use the IPC computers in Building 39, you must have an account. Check with the User Accounts Office (39-219,x3-4118) for a new account or see whether your advisor or members of your research group have a number that you can use.

Computer Text Editing

The Student Information Processing Board offers a computer text-processing service, which can be helpful in the preparation of reports, resumes, and the like. For more information, stop in at SIPB (39-200) between 1 and 5 pm weekdays, or call x3-7788 anytime.

Endicott House

This house, located in Dedham, is open to any group associated with MIT, but not for private entertainment purposes. It is not cheap. For reservations and more information call the director at 326-5151.

Faculty Club

Membership in the MIT Faculty Club is open to all faculty and staff and their families. Membership carries reciprocal privileges with the Harvard and Wellesley Faculty Clubs. The Club is located on the sixth floor of the Sloan Building at 50 Memorial Drive (Bldg. E52) and serves luncheon and dinner Monday through Friday, except on holidays. Special club events such as buffet suppers and dinner-dances are regularly scheduled and announced to the membership. For reservations and information, call x3-4896.

Man is a social animal.

— Baruch Spinoza

Graphic Arts and Reproduction

The Graphic Arts Service, housed mainly at 211 Mass Av (N42,x3-4765), provides a wide range of services, only a few of which are mentioned here. The Mailing Service offers typing, stencil addressing, and bulk mailing. The Photographic Division can produce portrait, passport, identification, and thesis photographs, and handles photostat work. They also have an Illustration Service with typesetting capabilities and an Offset Printing Department. Counters for while-you-wait Xeroxing are at 2-217 (x3-6917), 3-003 (x3-2806), E52-032 (x3-5203), and 1-242 (x3-3883). The quality is very good, but they are not cheap.

There are Xerox copiers in the various libraries. The copier in the Student Center Library is available 24 hours a day. Commercial outfits usually have lower prices and better service than MIT Graphic Arts (see **Duplicating Services** in the **Shopping** chapter)..

If you're more interested in hectograph (ditto) printing, visit TCA (W20-450), which has a couple of machines, and sells stencils and paper. TCA also has silkscreening equipment which can be used for posters and shirts. For more information, call TCA at x3-4885.

The Tech has a production shop which it uses to turn out its newspaper. They have typesetting, headlining, and photographic equipment, complete with an experienced staff, all of which can be had at a price. This book is an example of their work.

LSC (W20-469,x3-3791) has three offset presses, the larger two accommodate paper up to 17½" by 22½" in size. You can hire someone from LSC to operate the press for you; assistance with copy preparation and folding are also available. LSC movie publicity is a product of these presses and the results, which vary, can be quite good. Check with the LSC Publicity Director at x3-3791) if you're interested.

APO (W20-415,x3-3788) has a classic, handset platen letterpress, which is slow (but cheap) compared to modern presses. It is operated only under the supervision of qualified APO brothers. Talk to the APO Letterpress Chairman or any qualified operator.

Hobby Shop

The Hobby Shop (W31-031,x3-4343) is located in the basement of the Armory. George Pishenin is in charge of it, and the hours are 10-6 Monday through Friday. It has woodworking equipment, a machine shop for metalworking, and a photo lab. Shelves, tables, championship sailboats, speaker enclosures, looms, dulcimers, and harpsichords have all been constructed in the shop. Novices are welcome, as they give the more experienced users a chance to teach. A good way to get started is to take one of their IAP courses. Memberships cost $15/term for students, and $25/term for everyone else. It is open fall, spring and summer terms.

An expert is one who knows more and more about less and less.

— Nicholas Murray Butler

Lab Supplies

Lab Supplies sells many things used on projects and in labs. In order to get an item from them, you'll need an account number and a requisition form; they do not sell for cash. Students can open accounts at 4-471 (x3-4959). You may have to open one if you take certain lab courses.

What is the resistance of a TA hooked across 120 volts?

— 6.14 lab door

Language Lab

Lessons in German, Spanish, French, Russian, and a dozen other languages can be heard in the Language Lab (14N-0641,x3-2310) or in remote booths in McCormick, Burton, Baker, the Hermann Building, the Student Center Library, and New House. Standard MIT course tapes are available from all booths, 24 hours a day. Other tapes,including prose, poetry, plays, and musical "ear-training exercises" are available only when the lab is open. The entire MIT community can use the lab at no charge.

A translation is like a mistress — either beautiful and unfaithful, or faithful and ugly.

— Russian proverb

Machine Shop

If you need to use a machine shop, your best bet is to check within your department. Most shops have lathes, mills, presses, etc: the Chemistry department has a glassware shop. Check around for the equipment you need, and then ask. Rules vary with the shops, but all of them expect you to furnish your own supplies.

Metallurgy Shop

For creative metallurgy or just hacking, 4-133 (the home of Tony Zona) is the place to be. You can learn welding, brazing, and soldering by enrolling in 3.19 (a prerequisite for use of the shop),but the subject is always oversubscribed. Check for metallurgy instruction over IAP if you don't get into 3.19 during the term.

Microreproduction

The Microreproduction Laboratory (14-0551,x3-5668) can turn printed material (such as books, magazines, newspapers, or theses) into microfilm, microfiche, or slides — or turn any of these into full-size paper copies. they can also bind papers for you (e.g. reports, theses). Call them for prices.

It is perfectly clear that this is very ambiguous.

— Ralph Feldberg

Music Practice Rooms

Practice rooms *per se* are rare. A few are scattered within the living groups. There are five upright pianos in the Student Center. Check at the Student Center Library desk if you want to use one. A grand piano, which a rank amateur might consider playable, is available at Walker Memorial. Actually, it is beyond repair. Most dorms own pianos.

Note: Practice rooms tend to lack music stands, so bring your own.

Observatory

The G. R. Wallace Astrophysical Observatory can be used by students both in classes (12.117J, Observational Techniques of Optical Astronomy) and for individual projects. All scheduling is done through the office of the director, Prof. Elliot, (Course XII,54-422,x3-6308). The Observatory is 40 miles from Cambridge in Westford. It has a 24" and a 16" scope. The 24" is sometimes difficult to get time on, while the 16" is accessible for projects of any merit.

Student Art Association

Although called the Student Art Association, this facility is actually open to anyone in the MIT community, although preference is given to students. SAA has superb facilities for ceramics, drawing, jewelry, painting, silk-screening, Chinese brush painting, calligraphy, etching, and hosts of other arts. It also has an excellent darkroom and general photographic facilities. Classes in ceramics, photography, and drawing are offered during Fall, Spring, and Summer terms and IAP. Fees are charged ($15-70 for classes, $5-10 less for use without instruction). The office is on the fourth floor of the Student Center (W20-429,x3-7019), office hours 1-5 weekdays.

the Devil whispered behind the leaves: 'Its pretty, but is it art?

— Ruyard Kipling

Student Center

The Student Center (W20) is the primary focus for student activities at MIT (Walker Memorial, Bldg 50, also houses many activities). Most large activities are crowded into the fourth floor of the building. Other facilities located in the Student Center include a dining hall, snack bar, lounges, the Tech Coop, a post office, a tailor (handles dry cleaning and shoe repairs), an optician, a barber shop, a giant TV, game rooms for ping pong and pinball, pool tables, a bowling alley, a 24 hour coffeehouse and the Student Center Library.

The **Student Center Committee** (SCC W20-347,x3-7019) has worked to make the best use of the Student Center. The SCC is responsible for all student use of the Student Center. They sponsor several Student Center activities, including live band parties, the Mezz, and the Student Center Cinema, showing free movies at midnight on Saturdays.

Talbot House

Talbot House is a Vermont farm house available throughout the year to MIT student groups. It is located in Woodstock, near several major recreational facilities including skiing, hiking, horseback riding, and golf areas. Apply early! Scheduling is done by a student committee through the Deans' Office (7-102,x3-4158).

Typewriters

The Student Center Library has Selectric typewriters for general use. The price is 25¢/30 minutes. They are kept locked and you'll have to go to the desk in order to use them. It is cheaper and usually easier to get a typewriter from an office where you have connections or from a friend.

MIT Medical Department

The MIT Medical Department, in the Health Services Center (E23), is a multispeciality group practice which employs 30 full-time and 40 part-time physicians as well as other professional support personnel. The Department's medical staff provides primary care in the areas of internal medicine, surgery and pediatrics. The Department also provides on-campus most medical specialities, a pharmacy, a full-time optometry service including contact lens services, laboratory, x-ray, and other diagnostic testing facilities. A dental service which offers treatment for students and their spouses is available on a fee for service basis.

All visits to the Medical Department are by appointment except in emergencies. The regular hours of the Department are from 8:30am to 5:00pm, Monday through Friday except for holidays. **At all other times, emergency medical care is available through the MIT Off-Hours Service. Telephone 253-1311 day or night for advice.** House calls are not made, but if someone is too ill to come to the Health Services Center without assistance, the Medical Department should be notified and will recommend suitable help.

Allergy 253-4460
Dermatology 253-4295
Ear, Nose, Throat 253-7870
Eye 253-4351
Health Education and Information 253-1316
Inpatient Service 253-5486
Laboratory 253-4239
MIT Health Plan 253-1322
Nutrition 253-4351
Orthopedics 253-2974
Patient Billing (Employees) 253-4372
Pediatrics 253-1505
Pharmacy 253-1324
Social Work 253-4371
Surgery 253-1302
Urology 253-1302

Dental 253-1501
Diagnostic Testing/ Medical Director 253-4487
Gastroenterology 253-4295
Health Screening 253-1777
Off-Hours Service 253-4481
Internal Medicine 253-4481
Medical Records 253-4980
Neurology 253-4460
Obstetrics/Gynecology 253-1315
Patient Advocate 253-1316
Patient Billing (Students) 253-4303
Personal Assistance Program 253-4911
Psychiatry 253-2916
Student Health Plan
X-Ray 253-4905

A major goal of the Department is to provide high quality, accessible medical care to the entire MIT community. Members of the community are encouraged to identify a primary physician for consultation whenever an illness, problem or question arises. If the primary physician is not available and the need is urgent, the patient will be seen by a physician-colleague, nurse practitioner, or physician's assistant, with subsequent referral if indicated. In this way, patients who call or come to the Department for care are seen by a health professional on the same day.

An 18-bed Inpatient Service is operated by the Medical Department for patients who cannot be cared for at home, but for whom hospitalization in a general hospital is inappropriate. Children are not admitted to the Inpatient Service, but if necessary, are referred to a nearby hospital offering pediatric care. Patients requiring major surgery or treatment for serious illness are sent to one of the Boston or Cambridge hospitals where their care is usually supervised by one of the Medical Department physicians or surgeons.

Whether a patient will be billed directly for services rendered at the MIT Health Services Center depends on the health program in which the MIT student, affiliate or employee is enrolled. The cost of off-campus medical care and hospitalization is extremely high in the Boston-area. For this reason, it is extremely important that everyone maintains adequate health insurance.

Brochures describing the Medical Department, the Student Health Program, the Affiliate Health Program, and the MIT Health Plan for employees are available in the MIT Health Plans Office (E23-308). Your questions or suggestions for improvement within the Department are always welcome and can be directed to any staff member or to the Patient Advocates.

Non-MIT Medical Services

Dental Clinics

Boston University Medical Center (see under general clinics).

Forsyth Dental Center (140TheFenwayBoston,262-5200,MBTA:ArborwayGreen-LineNortheasternStop). Teeth cleaning $8 first session, $4 with student ID. Follow up visits are free. This is a teaching clinic where students work on you under faculty supervision. All work is careful and well supervised. All dental services are available.

Harvard School of Dental Medicine (LongwoodAvBoston;MBTA:Longwood). Another teaching clinic, this one has very thorough service. You can be examined by either a student or a faculty member, and emergency same-day service is ble.

Tufts-New England Medical Center (1KneelandSt.,Boston,956-6828) Full range of dental services is available. Work done in faculty-supervised student learning clinics.

Emergency Clinics

Bridge Over Troubled Waters (23BeaconSt.,Boston,227-7114). Free clinic providing medical, dental and counseling services. A street survival clinic dealing largely with runaways. Can sometimes be found behind Out-of-Town News in Harvard Square.

Legal and Psychological Clinics

Cambridgeport Problem Center (1WestSt.,Cambridge,661-1010). Started by Dr. Joseph Brenner of MIT's psychiatry department. Staff of forty counselors provide free legal aid for people with low incomes, psychological counseling for most anybody who desires it. Drug counseling is available, but no treatment is provided. Appointments are needed.

Eye Clinics

New England College of Optometry Clinic (472CommonwealthAvBoston,536-4252). Optometry students give incredibly thorough eye examinations for $25, or $18 with student ID. Exams take about 2 hours. Open 9-2. Contact lens clinic hours are Monday to Thursday 5:30-8:30 and Saturday from 9-2.

Massachusetts Eye and Ear Infirmary (243CharlesStBoston,523-7900). Handles all aspects of eye, ear, nose and throat problems. Provides diagnosis and treatment. Has an emergency ward.

General Clinics

Boston University Medical Center (73ENewtonStBoston,247-5000). A teaching clinic offering less expensive medical and dental care.

New England Medical Center (171HarrisonAvBoston,956-5000). Associated with Tufts University. Comprehensive medical and dental care. Diagnostic and referral services. Appointments within 24 hours for specific problems. Emergency care. Staffed by fourth-year medical students.

Hospitals

Cambridge City Hospital (1493CambridgeStCambridge,498-1000). Teaching hospital for Harvard Medical School, providing all types of surgical and diagnostic services. Appointment-only outpatient clinic. 24-hour emergency ward. Sponsors ten neighborhood health clinics throughout the community.

Children's Hospital (300LongwoodAvBoston,734-6000). Usually patients up to age 21. General medical and surgical inpatient service, and extensive outpatient clinics. Handles everything from dental care to plastic surgery. 24-hour emergency service.

Kennedy Memorial Hospital for Children (50WarrenStBrighton,254-3800). All services through age 21. Extensive outpatient clinics, rehabilitation hospital for inpatients. 24-hour emergency ward.

Mass. General Hospital (CharlesStBoston,726-2000,MBTA:Charles/MGH) Nearest hospital to MIT. General walk-in clinic Monday-Saturday, most clinics by appointment. Regular hospital facilities, 24-hour emergency care.

Mount Auburn Hospital (330MtAuburnSt,Cambridge,492-3500). General services, outpatient clinics, walk-ins accepted. 24-hour emergency care, specialists on call.

New England Medical Center Hospital (Associated with Tufts University. See above.)

Sancta Maria Hospital (799ConcordAvCambridge,868-2200). General medical/surgical hospital. Outpatient clinics. No maternity care. No pediatric care. 24-hour emergency care.

Psychologist: A man, who, when a beautiful girl enters the room, watches everyone else.

— Bruce Patterson

Medical Insurance

Along with the student health plan, students must purchase MIT insurance for outside hospitalization if not already covered by non-MIT insurance. The cost is $150 for two terms, beginning Sept. 1 of every year. Additional coverage is available to student's spouses at a cost of $345 per year. Coverage for one or more children is offered for $140 per year. As part of the package, all women covered by the MIT insurance receive a $500 maternity benefit after 8 months of continuous Blue Cross/Blue Shield coverage. This benefit includes $425 toward hospital charges for normal delivery and full payment of the physician's charges for delivery.

If you are trying to decide whether to buy the health and accident policy offered by MIT to supplement your own family's policy, compare the benefits offered by both. The director of the MIT Medical Department Dr. Melvin Rodman, considers the MIT insurance the *minimum* you should have to cover reasonably expected medical expenses. Questions regarding any facet of medical insurance can be directed to the Business Office of the Medical Department (12-134,x3-4371).

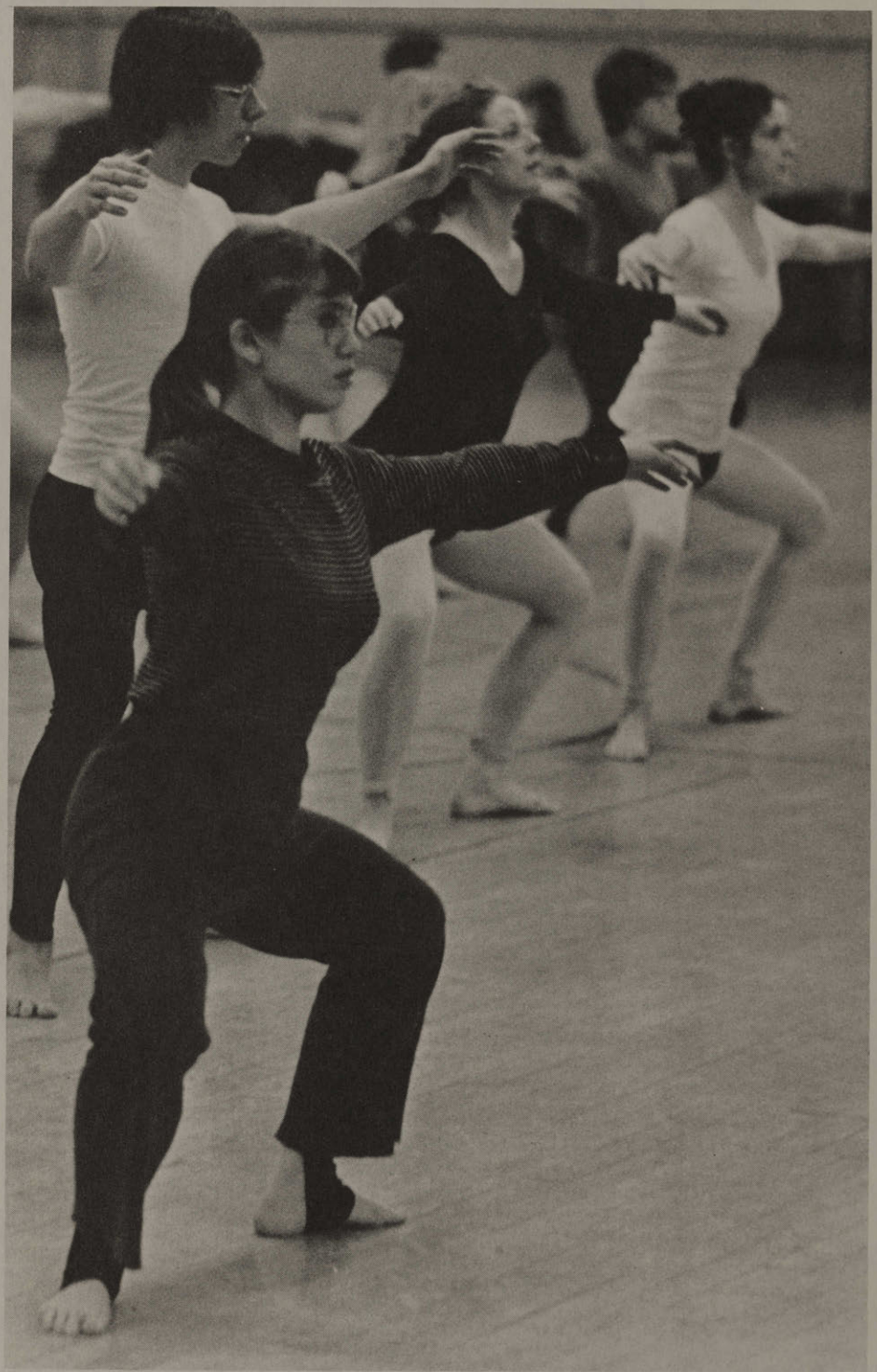
Faculty, staff, and employees are eligible for the MIT Health Plan which is a prepaid comprehensive program of medical care available to MIT employees and their families. Medical services for the MIT Health Plan are provided by the MIT Medical Department. Outside hospitalization, apart from emergency care, is provided at the Mt. Auburn and Cambridge Hospitals; hospitalization for obstetric and gynecological reasons is provided at the Boston Hospital for Women. The Plan membership is limited to 1450 subscribers and their families. There is generally a waiting list for new subscribers. If you are interested, you should call the MIT Health Plan Office at x3-1322.

Other faculty, staff, and employee benefits should be discussed with the Employee Benefits Office (x3-4271).

I have never taken medicine in my life . . . if I get a cold I treat it with the contempt that it deserves.

— Dr. Leonard Jackson





Groups

MIT is a diverse community of nearly 20,000 people — staff, employees, faculty, administrators, and students. So no matter how unusual your interest or problem may be, someone around the Institute probably shares it with you.

Groups covered in this chapter include: academic/honorary societies, children, foreign citizens, handicapped people, hobby groups, gays/lesbians, music and drama groups, athletics, religious groups, service organizations, student governments, and women. Publishing and broadcasting groups can be found in **Media**.

For more information, read the *Freshman Handbook*, available from the Undergraduate Academic Support Office (7-103), check the front of the *Student Telephone Directory*, or go to the Activities Midway. It is held at the beginning of the fall term, or sometimes the spring term. Representatives from many of these groups and organizations will be there to give you more information regarding their activities. A file of all Association of Student Activities (ASA) recognized activities is kept in the Undergraduate Association (UA) office (W20-401,x3-2696) along with a list of the student leaders of these activities.

Almost all student activities welcome graduate students. In most (but not all) activities, undergraduates predominate.

Pleasure of itself is not a vice.

— Samuel Johnson

Academic/Honorary Societies

Most departments have student chapters of national organizations. To contact the organization for your specialty, see your department headquarters.

Active honorary societies include **Tau Beta Pi** for all engineers, **Phi Beta Kappa** for non-engineers, **Pi Tau Sigma** for mechanical engineers, **Sigma Chi** for scientists, **Phi Lambda Upsilon** for chemists and chemical engineers, and **Eta Kappa Nu** for electrical engineers. Requirements for admission vary. Generally you must be in the top fifth of your class, with a cum above 4.6, and be active in campus life. Admission to honorary societies is by invitation only.

Many departments have academic societies open to all interested students majoring in their discipline. These include: **Alpha Chi Sigma**, for chemists, the **American Institute of Aeronautics and Astronautics**, the **EECS Student-Faculty Committee**, the **Society of Physics Students**, the **American Institute of Chemical Engineers**, the **American Nuclear Society**, the **American Society of Mechanical Engineers** and the **Institute of Electrical and Electronic Engineers**.

There are also several academic societies open to the entire MIT community. The **National Society of Black Engineers** is dedicated to increasing the number of blacks in the engineering profession. The **Society of Women Engineers** is open to all men and women majoring in engineering and the sciences and attempts to help make women more aware of the opportunities open to them. The **Association for Women Students** (AWS) is composed of all women at MIT and men who have sought membership and sponsors activities to help women at MIT.

Children

MIT does provide a few services for children of members of the MIT community. These services include day care, a pediatric clinic, and athletic facilities use.

Day Care

There are currently three child care programs for pre-school children operating on campus that are available to all members of the MIT community. **Family Day Care** (licensed home care for groups of usually 2-4 children) is available full- or part-time, on-campus or off-campus, for children from infancy to five years. **Full Day Care** and **Half Day Nursery School** are available for children 3-5 years old through **Technology Children's Center**.

Information about eligibility requirements, fees and availability of space can be obtained from the Child Care Office (4-144,x3-1592; Margaret Sand, Coordinator).

The Child Care Office starts from the premise that child care is for parents too, and can help you determine what is the most suitable care for you and your child. They can refer you to services off- as well as on-campus.

Medical Services

The Medical Department's Pediatric Clinic, staffed by two pediatricians and a pediatric nurse practitioner, is available to children of the faculty, staff, employees, and students. Visits are on a fee-for-service basis and include well-baby exams. Fees are covered for dependents of employees on the MIT Health Plan.

Athletic Facilities

Children of those with athletic cards are admitted free to the skating rink and the swimming pool. However, they are allowed to use these facilities only during a limited number of hours. They have no privileges at the duPont Athletic Center.

The new Athletic Center has an indoor skating rink on the first floor and a fieldhouse on the second floor. For information regarding lessons given in these facilities, call the Athletic Department headquarters (x3-4498).

Swimming lessons for MIT community children are provided by the Athletic Department. They are held on Saturday mornings beginning in late September and continuing through mid-November. To allow individual instruction, classes are limited in size, and are restricted to children between the ages of 6 and 14. Again, an athletic card and fee are required. For further information on these services, call the Athletic Department headquarters (x3-4498).

During the summer, the Athletic Department sponsors a Day Camp for MIT community children between the ages of 6 and 14. Notices about registration are mailed in January or early February. A staff of trained counselors gives instruction in swimming, tennis, sailing, and a variety of other activities. The Camp continues for eight weeks, and children may be registered for any combination of two-week periods. For further information, call Director Fran O'Brien (x3-5007).

Foreign Citizens

The first place for international students to go with questions or problems is the **International Students Office** (5-112,x3-3795). If they can't help you, they should be able to refer you to someone who can. Foreign staff members should consult with the **Information Center** (7-121,x3-2851).

For **Adjustment Problems**, the social workers, Mrs. Buck and Mrs. Rodriguez, and Dr. Schwartz, the clinical sociologist, are very helpful to newcomers and their families having difficulty adjusting to the cultural milieu of the United States. An open house jointly sponsored by the Medical Department and the International Students' Office and hosted by Dr. Charolette Schwartz, Clinical Sociologist, takes place during the week before registration to acquaint newcomers and families with available resources at MIT and in the Boston area.

Aliens in the United States must file an **Alien Address Report Card** with the Immigration Service each January. These cards may be picked up from the International Students Office, a post office, or the local office of the Immigration and Naturalization Service.

America and Americans: North America contains the largest area of uniform culture in the world. Most Americans have never met someone from another culture and are likely to be ignorant of yours. There will be about as many things in your culture that will disturb Americans as there are aspects of American culture that bother you. Don't hesitate to ask questions; for the most part you will get friendly answers. It won't hurt to try to explain your culture as well.

Americans have an informal, active way of life, and to many people they may appear to be very abrupt. Formal introductions are not usually needed; if you want to be friends with the person next door, introduce yourself. Dress is very flexible. Rarely if ever is formal attire required; it can always be rented, if need be. If you have any doubts, ask. Conversations and telephone calls usually come right to the point. There are very few formalities observed.

Americans for the most part don't line up neatly. They tend to bunch up. However, everyone seems to know who's first and crowding is definitely frowned upon.

Sales people and officials are not, nor do they consider themselves, inferiors or servants of the public, and they act accordingly. With a pleasant smile and a gracious attitude on your part you will find them most anxious to help.

Driver's License: Drivers from a number of countries may drive for one year in the US on their home licenses. The end of the year is designated as the earlier of (1) the end of the academic year, or (2) one calendar year from the date of entry into the US. For more details, consult the International Students Office, Campus Police, or the Registry of Motor Vehicles.

Employment: Before taking a job, talk with someone at the International Students Office, since permission for employment is not automatically granted under the terms of F and J visas. Wives on F visas may *not* accept paid employment. Some students holding J-1 visas and their wives (J-2) are permitted employment only if they need to work for self-support. Recently, restrictions of foreign citizens taking jobs in America have been greatly stiffened and jobs will be very hard to find.

English for Foreign Citizens: The MIT Women's League (10-342,x3-3656) gives English classes for student or faculty wives. Visit the Language Lab (14N-0645,x3-2310) and the International Students Office where you can be refered to other opportunities to improve your English.

Families: Five hundred families in the area host MIT foreign students each year. We hope you and your host family will enjoy seeing each other. However, if you do not want to see your host family on a particular occasion, refuse their invitation politely. First-year students can change their host families if desired. If you want a host family, or want to become one, the staff at the Women's League will explain the procedure involved.

Income Tax: For information, call the Alien Tax Information Office (223-3446).

Insurance: In the MIT Student Health Program, outside hospitalization insurance is compulsory for foreign students. Campus Police can also help you with auto insurance, etc. If you have questions concerning MIT medical insurance, check with the Medical Department (x3-4371).

Passports and Visas: Check the pamphlet *Passports and Visa Information sheet*, which you should have received upon arrival here. If you no longer have your copy, get another from the International Students Office. There is no need to renew visas when they expire if you do not leave the country, but I-94's always have to be valid. Check with the Office for renewal procedures.

Personnel Directory: In addition to the *Institute Directory* and the *Student Directory* (both have a Departmental Directory), there is a *Foreign Students Directory* available from the International Students Office.

Political Action: You are free to participate in any sort of political action as long as it does not violate the laws of the United States. Immigration officials think twice about renewing the visa of someone arrested for political activity, whether or not he was later convicted; consequently, activities near and beyond the limits of the law should not be undertaken lightly. All political views are legal, but there are limits to what can be done in pursuit of a cause. You should realize that most Americans do not wish to get involved in foreign politics.

UROP for International Students: There are offerings in the Undergraduate Research Opportunities Program (UROP) of particular interest to international students. Check with the UROP Office (20B-141,x3-5049) and the UROP Directory.

National and Cultural Groups

African Students Association to effect better communication between the African students at MIT and the MIT community by sponsoring activities that will bring African culture to the MIT community.

Arab Club to promote better MIT-Arab student understanding and the dissemination of information about the Arab people.

Armenian Club to further the attendance of Armenian dances and eating of Armenian foods. Language lessons are given over IAP.

Canadian Club disseminates information regarding events of interest to those concerned with Canada and in providing a social base for Canadians on campus.

Carribean Club facilitates transition and cohesiveness of incoming and continuing Carribean students and provides information about Carribean affairs to the MIT community.

Chinese Students Club to promote friendship and international understanding through intellectual, cultural, and social activities.

Club Latino to provide a ground for social and cultural relaxation among Latin-American members of the MIT community and to promote Latin-American-MIT cultural exchange.

Filipino Student Association

Hellenic Students Organization (1-249,x3-5040) to promote fellowship and provide for the welcoming and counseling of Greek students and to provide a formal means of communication with other MIT foreign students and other Greek organizations.

International Students Organization to enhance interaction among international students and between them and the MIT community. They have sponsored a newspaper, parties, seminars, films, and an Open House.

Israeli Students Group to promote communication between Israeli students at MIT and to introduce MIT to the State of Isreal.

Korean Students' Association to further the friendship and understanding of the Korean culture and people.

Lebanese Club to promote the interests of Lebanese students at MIT and to acquaint MIT with Lebanese culture and politics.

Malaysian Association to serve as a liason between its members and other student bodies and with the Government of Malaysia, and to organize social and cultural activities for the members.

Mexican-American Student Association to improve the welfare of Hispanic students at MIT and the Hispanic community and to encourage an increase in the number of Hispanics entering the fields of engineering and science.

Sangam provides a platform of cultural interaction among the Indians of vastly different cultural backgrounds and the MIT community. They sponsor a radio program of popular Indian music and sports and social events.

Udayan - Bangladesh Students Association to interact with the surrounding community and further the progress of Bangladesh.

Handicapped People

A map showing ramps, walkways and other special features for handicapped people (and those transporting heavy loads) is available at the Information Office (7-121,x3-4795), and is visible on the wall near building 3 in the infinite corridor. Also check with APO (W20-415,x3-3788) for information on Boston and Cambridge. There is also a map of the Institute for the blind in Lobby 7. This map is the result of a thesis done by an MIT student in Course IV.

A new guide to MIT for the handicapped is available from the Information Office.

Hobby Groups

There are hobby groups on campus for every possible hobby, from breeding fish to jumping out of planes. Clubs can be reached through the Association of Student Activities (W20-401,x3-2696). Chairpersons are listed in the phone directory. An excellent way to learn about student groups is the Activities Midway held in early fall.

Appropriate Technology Group (E40-156,x3-3402) sponsors seminars and discussions on the appropriateness of different uses of modern technology.

Association for Recording Science (4 Ames St., Cambridge, MA) is for those interested in contemporary music recording techniques.

Automobile Club is for those interested in performance cars. There are monthly meetings with a slide show, guest speaker or a seminar of interest to the members.

Bridge Club holds weekly open pairs duplicate tournaments on Thursday evenings at 7pm. Club championships are held four times a year.

Chess Club consists of players at a wide variety of levels. They hold weekly meetings on Saturday afternoons in the fourth floor of the Student Center. Members participate in national, local, and intramural competitions.

Debate Society (W20-439,x3-3787) participates in intercollegiate debate competitions involving current political issues. Competitions are at the local, state, and national levels.

Electronics Research Society (20B-119,x3-2060) is a student-run electronics lab with assorted microcomputers and computers for use by students.

Equestrian Association (E38-466) attempts to rent or buy horses for use by the MIT community at reduced rates. They also hope to provide physical education classes and intercollegiate competition in horseback riding.

Exotic Fish Society (W20-002,x3-7922) maintains a 125 gallon tank in the basement of the Student Center and holds monthly meetings to discuss fish, fish food, and acquatic plants.

Guild of Bell Ringers rings bells at the historic Old North Church and practices change ringing on handbells.

Juggling Club holds juggling sessions (beginners welcome) on Sunday afternoons in front of the Student Center. They have a bulletin board on the first floor of building 4 in the Infinite Corridor.

L-5 Society sponsors films and lectures as part of a national organization supporting the development of space.

Objectivist Study Group is an informally organized forum for the discussion of Ayn Rand's philosophy of objectivism. Past activities have included lectures, films, and discussions.

Outing Club (W20-461,x3-2988) participates in a wide variety of outdoor activities, and rents equipment to members. Experience is not a prerequisite. See the chapter on **Things to Do**.

Radio Society (W1MX) (50-358,x3-3776) is a group of people interested in amateur radio. Their activities include repeaters and contests and they operate in bands from 1.8 MHz to 1296 MHz.

Rapid Transit Association is for those interested in subways and rail transit. Their acitivities include touring and riding the Boston subways, visiting other cities' systems, and sponsoring guest lectures.

Rocket Society (50-320, 5-6744) is devoted to model and amateur rocketry. They hold two sanctioned model rocket contests and participate in regional, national, and world competitions.

Science Fiction Society (MITSFS) (W20-421,dl9144) has the largest science fiction library in the world with over 32,000 books and magazines. Members may borrow from the 15,000 circulating items. They hold weekly meetings.

GROUPS

Soaring Association (33-303,247-7775) operates throughout the year and has use of four sailplanes. Activities include flight operations, ground school training, and social events.

Society for Creative Anachronism does research in and recreates the life, arts, and costumes of the Middle Ages. They hold tournaments, feasts, and other events throughout the term.

Strategic Games Society (50-316) meets every Saturday in Walker from 1pm on. They play Dungeons and Dragons, Monopoly, bridge, and other games.

Student Art Association (W20-429,x3-7019) holds classes in topics including ceramics, photography, and drawing. Beginners and more experienced artists welcome. Registration for courses held two weeks before the semester begins. For more information, call from 1-5pm Monday through Friday.

Tech Model Aircrafters has a workshop containing most of the accesories necessary for building a model aircraft. Members pay nominal dues for the use of the workroom.

Tech Model Railroad Club(20E-214,x3-3269) participates in a variety of activities from scenery construction and track laying to switch design. Previous experience not necessary.

Tiddlywinks Association (W20-437) has a world championship team. Members compete at a variety of levels. Previous experience is not necessary.

UHF Repeater Association (44-010) is a group of amateur radio operators whose acitivities include experimentation, service projects, and informal gatherings. They broadcast on the 444.2-449.2 MHz bandwidth.

Undergraduate Math Club is open to all undergraduates with an interest in math. They arrange public on-campus lectures, problem-solving sessions, and sponsor an IAP math contest.

Unicycle Club meets Sundays from 1-3pm in front of the Student Center. The first hour is usually a teaching session. They have a bulletin board in on the first floor of building 4 in the Infinite Corridor.

University Scouting Advisors is a group of men and women working with various scouting movements in the Cambridge area. They started a troop in Cambridge two years ago.

Video Club (W20-445) is a group whose members are able to cablecast their works through the MIT cable television system. Both individual and group productions are cablecast.

Suggestive for Mature Audiences Only.

— Movie Marquee

Gays/Lesbians

Being gay can be easy: The Institute is generally supportive of gays, and Boston is one of the nation's major gay cities. Anyone just starting to explore his/her sexuality or already settled and comfortable with it can find appropriate resources here. The following is a partial list of resources available at MIT, and in Cambridge and Boston.

Gays at MIT (GAMIT) (Walker Memorial,50-306,x3-5440) is MIT's gay group, open to the entire MIT community. They sponsor social and educational programs for their members and the community, in addition to keeping an eye on conditions and events around the Institute. The Contact Line (x3-5440), offers information, referrals, and confidential peer counseling. GAMIT's bulletin board (in Building 3 along the infinite corridor) carries their schedule as well as other items of general interest. The regular events are weekly meetings, held every Sunday at 5:00pm, and the lunch crew, usually starting at 12:30pm weekdays, both in the GAMIT office and open to everyone.

There are more groups around town. The best way to find out about them, besides calling GAMIT, is through *Gay Community News*, a national paper published in Boston and sold at most area newsstands. Every month it contains a "Quick Gay Guide," which lists over one hundred groups in the Boston area alone, including women's, religious, political, recreational, and medical groups. (For a partial listing of bars, see the **Things To Do** section.)

Counseling is available from a variety of sources. GAMIT's Contact Line provides confidential, trained peer counseling geared toward gay-related issues. Of course, all MIT counseling services are open: **Nightline**, the **Dean's Office** (especially Robert Halfman 5-104,x3-4861),and the **Psychiatric Department** (E23-376,x3-2916) (especially Lois Eichler and Chester Pierce). Services outside of MIT include the **Lesbian and Gay Hotline** (426-9371) and **Parents and Friends of Gays** (542-5188 days, 426-9371 nights).

If you want to go off-campus for counseling, **Boston's Homophile Community Health Service** runs a highly recommended counseling service. They take MIT insurance. There is a fee, but it's mostly pay-what-you-can. Their number is 542-5188. The **Cambridge Women's Center** holds open rap sessions for gay women on Thursday nights. The **Daughters of the Bilitis** (419BoylstonSt.,Boston,262-1592) is the oldest lesbian organization in the country. It serves as a social group as well as providing some counseling and legal action. There is also the **Wellesley Mytiline Society**. More information on them is available through the Wellesley Women's Center.

Education — That which discloses to the wise and disguises from the foolish their lack of understanding.

— Ambrose Bierce

Music and Drama

Most performing organizations on campus are open to the entire MIT community. Musical groups can generally be reached through John Buttrick in the Music Office (14N-238,x3-4892). Drama groups are coordinated by Bob Scanlon (W16-018,x3-2908). Watch *Tech Talk* for schedules of auditions and performances.

For more information on music and drama groups, see the chapter on **Things to Do**.

Choral Society
Chorallaries
Concert Band
Concert Jazz Band
Dramashop
Festival Jazz Band
Gospel Choir
Logarhythms
Madrigal Society
Musical Theatre Guild
Shakespeare Ensemble
Symphony Orchestra

Musick is the thing of the world I love most.

— Samuel Pepys

Athletics

The MIT athletic programs stress participation and enjoyment rather than the specialized honing of selected intercollegiate teams. Nevertheless participants and coaches tend to be very dedicated, resulting in excellent teams. Anybody in the MIT community, no matter how physically unfit, is welcome to use the athletic facilities and to receive trained assistance in developing his full potential. The programs offered include intercollegiate and intramural sports, physical education classes, private and group instruction in various sports, and recreational facilities of exceptionally high quality.

Athletic Cards

Use of MIT athletic facilities is open to any member of the MIT community who has purchased an athletic sticker. At $10 for students, $60 for faculty and staff, and $105 for alumni, the card is one of the best bargains in the Boston area. Athletic cards entitle the holder and his immediate family ($30 extra for faculty/staff, $45 extra for alumni) to virtually unlimited use of all athletic facilities except the sailing pavilion. Card holders may even bring guests ($1 for students, $2 for others). Cards may be purchased at du-Pont Athletic Center or the Alumni Swimming Pool.

"If you're feeling athletic, then you can:
A. lie down until the feeling goes away
B. take a cold shower
C. watch the Red Sox on TV
D. play intramurals
but not necessarily in that order."

—Anonymous

People in Athletics

(Athletic Department, (W32-109,x3-4498))

Royce Flippin (W32-105,x3-4497), Director of Athletics,is responsible for overseeing MIT's intercollegiate, intramural, and club sports programs. He and his staff will be the people to talk to if you want a new team to exist.

Jack Barry (W32-115,x3-4498) is Assistant Director of Athletics and the golf coach.

Jane Betts (W32-127,x3-4920) is the Women's Intercollegiate Athletic Director.

Dave Michael (W32-123,x3-7947) is the Supervisor of Intramurals, the ski coach and the WSI/SCUBA instructor.

Ken Cerino (W32-133,x3-7946) is the Sports Information Director. He's responsible for keeping accurate records, writing sports articles for *Tech Talk* and announcing games. You can call him for information on the times and places, and schedules for the season or on a week-by-week basis for any MIT sport.

John "Murph" Murphy (W32-004,x3-2914) is the Equipment Manager. He works at duPont desk. He can make life rough on teams or individuals who don't return their equipment on time. He can also make life easier if you're nice, so smile.

Paul Grace (W31-120,x3-5272) is the coordinator of Sports Medicine.

Jimmy Lester (W32-015,x3-4908), Harriet Pearce, and Adele Severson (W31-0017,x3-3206) are the trainers, the experts in dealing with sprains, strains, sore backs and all minor discomforts attendant upon participation in sports or lack of it. Harriet teaches first aid and Adele teaches CPR.

Publications

A listing of varsity, junior varsity, and freshman sports, their seasons and their coaches can be found in the *MIT Registration Material* along with the listing of gym courses. More detailed information can be found in the *Freshman Handbook* and a reprint of its Athletic section which the Athletic Department (W32-109) has available.

The highest student authority in MIT athletics is the MIT Athletic Association. The members are its President, Secretary, two members-at-large, the Varsity Club, and the Intramural Council, and a representative from each MITAA Club. The MITAA sponsors the NCAA Volunteers for Youth, which is a big brother/big sister program for helping junior high school children with problems at school or home. The MITAA is also responsible for keeping its member organizations in line. Its executive committee reviews and evaluates budgets, scheduling, facilities, student morale, outside publicity, and the Physical Education Program. Let them know how you feel.

The Intramural Council, mostly representatives from each eligible organization, meets at least once per month to handle intramural affairs and to elect intramural managers. The Executive Board handles protests and updates the IM handbook.

The Varsity Club consists of captains and managers of recognized Institute teams. It designates recipients of the straight T, an outstanding athletic achievement award. It publicizes and recruits for intercollegiate sports and helps out intercollegiate sports events.

Athletic Facilities

All MIT athletic facilities are coordinated from du Pont (W32-121,x3-4916). Unless reserved for intercollegiate or intramural use, all facilities are open to athletic sticker holders on a regular basis. For schedules, contact the individual facilities.

The new **Athletic Center**, which opened in fall 1980 has a hockey rink on the first floor, and a field house on the second floor. The field house has a track with tennis and basketball courts in the infield.

du Pont Athletic Center has several facilities including squash courts, a workout room, an exercise room (including high and parallel bars, a judo mat, and a horizontal ladder), a fencing room, a wrestling room, a large gymnasium (which is used for everything from registration to final exams to basketball), a 31 firing-point shooting range (rifle and pistol), lockers, showers, sauna facilities, and various smaller rooms. For information on any aspect of the Center call x3-4916, unless you are an instructor wishing to use the gymnasium for finals, in which case you should call the Schedules Office (x3-4788). The equipment desk at du Pont sells some small athletic items, often below list price. Other services include skate sharpening, racket restringing, and general equipment work.

MIT Shooting Range, located in the basement of the Armory, is one of the finest in the country. Fifteen points are available for pistol, rimfire .22 through .45 ACP, and 16 points for smallbore rifle fire. Equipment is available for a small fee to those who wish to shoot informally, and during the winter many international-style tournaments are held for those interested in formal competition. For details on the various programs, contact the Rangemaster (x3-3296).

The **training room** and trainers, for both men and women, are in the du Pont Athletic Center (W32-015,x3-4908). It is available to all members of the MIT community. Facilities include a whirlpool bath and exercise bench equipped with elastic bands for extension and flexation exercises. See the trainers if you have muscular aches and pains.

Squash courts are in three locations. There are eight courts at the Alumni Pool, six courts at du Pont and two courts at Walker Memorial. The courts at Walker are open to women, but there are no locker or shower facilities for them there; the nearest facilities are at the swimming pool. The reservation number at the swimming pool is x3-4489, du Pont x3-2914. The Walker courts are not scheduled, and are rumored to be open all night.

Tennis courts are mainly on Briggs Field. They can be reserved (in season) by calling x3-2912 between 12-2pm daily, one day in advance. As some of them are clay courts, you must have regulation tennis shoes with smooth soles. Near Walker there are four paved courts which may be reserved by going to East Campus desk. Don't call, you have to sign up there. The four indoor tennis courts in the J. B. Carr Center may be reserved by students only, no more than 48 hours in advance, for the hours of 2-6pm, at no charge. At other times, and for non-students at all times, a fee of $8 or $9 per court is charged. Call x3-1451 for reservations. For all the courts it is a good idea to make reservations as early as possible because they go fast.

Rockwell Cage has a new floor surface which can be set up for volleyball and IM basketball. The Cage hosts the Athletic Midway in the fall.

Henry G. Steinbrenner Stadium has an excellent cushioned 400 meter (1/4 mile) track which is great for running on if you don't mind going around and around. It can be slippery when cold and wet (even though it's supposed to be all-weather) but you probably won't feel like running then anyways. Field events, football, soccer, lacrosse, and field hockey are played inside the oval.

Briggs Field is that empty lot between Vassar Street and Amherst Alley on the west side of campus. It's the place to go for baseball, softball, tennis, soccer, lacrosse, rugby, field hockey, and intramurals.

Alumni Pool (Building 57, x3-4489) is open at different times of the day for physical education classes and open swimming, with family swimming on Fridays and Saturdays. The pool has shower and locker facilities. Towels are provided. The hours vary according to the time of year. If you want to swim on a particular day call the pool and ask at what time free swimming is. Also you can pick up a schedule of hours at the pool.

MIT Sailing Pavilion is the only facility where an athletic card won't get you in. You have to have a nautical card which can be bought at the Cashier's Office (10-180) and costs $10 for students, $30 for employees, and $40 for alumni, with an additional $2 charge for each family member who will use the card. To be an active member you must also have passed the small craft swimming test. For more information call x3-4884.

The sailing pavilion has quite a few boats of various kinds, for which different levels of expertise are necessary if you want to sign them out. There are also sailing classes (see below) along with individual instruction. Sailing is very popular at MIT, especially during the spring and summer months. If you've never tried it, try it and find out why.

Pierce Boathouse (W8,across from BurtonHouse,x3-6345) is the center for crew and sculling. It has an indoor rowing tank and weight rooms. It is possible to take out a single or double scull if you have a small craft card and know how to scull. To get a small craft card, go to the swimming pool and take the test.

The shower facilities in duPont, the pool, and the boathouse come in handy, especially if you don't live nearby and want to freshen up for one reason or another. Lockers are available, $5 for students, $10 faculty/staff, plus a $3 deposit on a lock.

Not strictly athletic, but closely related are the bowling alleys and billiard tables in the basement of the Student Center, open afternoons and early evenings. There are ping pong tables and pinball room on the second floor of the Student Center. Check with the 24-hour Coffeehouse for ping pong paddles and balls.

Club Sports

Club sports can bring together undergrads, grads, and faculty in an informal way since they don't have eligibility requirements or other rules found in Varsity sports. Their activities are controlled by their participants and their student leaders. They receive some support from the Athletic Department. For more complete information, call the person involved, the Athletic Department (x3-4498), or look at *MIT Athletic Clubs* by the MITAA Executive Committee (available in the Athletic Department, W32-109).

Akido Japanese martial art, General Exercise Room, du Pont Gym.

Archery Meets weekly, novice to veterans, should supply own tackle.

Badminton Fridays 8-10pm, Sundays 10-1pm, beginners to intermediate, bring own racket and shuttle cocks. In du Pont Gym.

Bowling Informal practice begins in October, Tuesdays 4-7pm and Fridays 2-6pm in Student Center basement. Attend travelling league meets beginning in November.

Cheerleading Try outs are in late September. One needs enthusiasm, rhythm and timing to cheer men's Varsity Basketball and Football teams.

Cricket Practices Tuesday, Thursday. Games Saturday and Sunday on Briggs Field, April through September.

Fencing (Eric Sollee, MIT Athletic Department) Twice a week anyone can come and fence in the duPont fencing room. There may be a small membership fee this year to cover wear and tear on the equipment.

Figure Skating Need skates and the ability to skate backwards. Saturday and Sunday mornings.

Football (Dwight Smith, MIT Athletic Department) Starts practice at the end of August.

Frisbee Ultimate Frisbee and Freestyle.

Hockey Women: practices mid-October 2-3 times per week. Men: Like varsity but grads can play, training (conditioning) begins in October, 1½ hours each afternoon.

Ice Dance Open to those able to skate forwards and backwards.

Riding (UA office,W20-401,x3-2696) New last year, the Riding Association hopes to own horses at a yet to be determined location. They also plan to give classes and compete intercollegiately.

Rifle and Pistol (Victor Maslov,x3-3960,Pat Melaragno,x3-3296) .22 caliber pistol and open-air rifle and pistol, Tuesday evenings practice and competitions, must pass shooting course first, $7 dues.

Rugby, M $10 dues, must have health insurance, social members (non-players) also welcome.

Rugby, W Inexperienced but enthusiastic social members also welcome to attend games and post-game parties.

Scuba (Dave Michael,x3-7947) Shorediving every weekend, meetings Tuesdays 20E-012 7-8pm, to plan dives, practice alternate Tuesdays Alumni Pool, 8-9pm need certification.

Soccer Women: New club in '82, practices 3 times a week. Men: year round play.

T'ai Chi Chinese form of calisthenics which has evolved into a very soft, peaceful exercise. Thursdays, W20-407, 4-6pm.

Table Tennis February-May competition.

Tae Kwon Do Korean Martial art, see *Tech Talk* for schedule.

Volleyball, M Serious competition, twice weekly practices, membership fees.

Water Polo, W Begins in March, 4 workouts per week.

White Water (Info:BulletinBoard,InfiniteCorridor,Bldg4) White water kayaking and canoeing, practice alternate Tuesdays, Alumni Pool, $5.

Folk Dance, Modern Dance, Judo, and Shotokan Karate can be found later on in this section.

Community Leagues

In many sports there are leagues for people simply interested in playing. Teams are formed by groups from departments, labs or mere coincidence, and everyone in the MIT community is welcome. The two largest such leagues at present are the **Community Hockey League** and the **Summer Softball League**. Impromptu groups for squash, tennis and handball are also very common, especially at the staff and faculty level. Check with your friends to see if a team already exists which you can join. Call x3-4498.

Beware of all enterprises that require new clothes.

— Thoreau

Intramurals

A very extensive intramural program is open to students, faculty, instructors and lecturers who meet eligibility requirements. Teams can be organized by just about any group, including labs, clubs, and living groups. For many sports there are different leagues for different levels of athletic prowess. The **IM Council** (W32-123,x3-7947) coordinates all IM competition.

Essential to many IM games is the referee. You, too, can officiate, and get paid for your efforts. Officiating courses are offered by the physical education department, but you can ref without taking them. Talk to the manager.

Managers are also needed to keep Intramurals alive and well. Don't assume that there always is going to be someone else to do it. IM notices are posted on a bulletin board next to the equipment desk in duPont.

The current intramural sports are:

Backgammon
Badminton
Basketball
Billiards
Bowling
Chess
Cross-Country
Cycling (fall and spring)
Fencing
Football (touch)
Frisbee
Hockey
Octathon
Rifle
Sailing
Soccer
Softball
Squash
Swimming
Table Tennis
Tennis
Track (indoor and outdoor)
Volleyball
Waterpolo
Weightlifting
Wrestling

"Tech is a place for men to work and not for boys to play. Nonetheless. . . "
— President Francis A. Walker, 1894

Class Day

Every autumn the boathouse watches in amusement and sometimes alarm as various inexperienced (at rowing) living groups try their hand at racing in a crew shell. Besides the living group races, there are races between oarsmen (oarswomen) with some squads racing each other, some classes (hence class day) and some old and new time rivals. The races are organized by the boathouse Commodore(s).

Love means nothing to a tennis player.

— Anonymous

Varsity Sports

There are 32 varsity sports at MIT. Most sports have a freshman or JV squad. Teams generally practice 4-6pm or 5-7pm on weekdays. Some crew teams will have morning practices, notably the lightweight squad. Many teams that compete in the spring go to Florida for a few weeks of winter practice over IAP. Interested in being on a team? Go to the Athletic Midway during R/O week, or call up the coach today. You can call x3-4498 to find out the coach's name and number, or check the list in your registration material.

The current sports are:

Baseball
Basketball, M&W
Crew, Heavy and Light, M&W
Cross Country, M&W
Fencing, M&W
Field Hockey W
Golf
Gymnastics, W&M
Hockey
Lacrosse
Pistol
Rifle
Sailing, W&M
Skiing
Soccer
Softball,W
Squash
Swimming, W&M
Tennis, W&M
Indoor and Outdoor Track
Volleyball, W
Waterpolo
Wrestling

Spectators are welcome, free of charge, at all MIT sporting events. For information on times and places, call Ken Cerino, Sports Information Director, (W32-119,x3-7946). Also sports events for the week are listed in the Institute Calendar in *Tech Talk*. You can also check the sports page of *The Tech* and the "Sports Today" columns of the Boston newspapers.

Physical Education

In accordance with its broad-based orientation, the Athletic Department offers an enormous variety of classes in sports and general physical education. Special interest groups and individual teachers widen the spectrum to include almost every form of physical activity, including riflery, folk dancing, and rock climbing.

During the year, regular physical education classes meet two hours a week for sessions lasting a quarter (half a term). These classes cover all the varsity sports and often make up a student's first introduction to a sport in which he later participates on an intercollegiate or intramural basis. This statement is especially relevant when applied to such sports as lacrosse, pistol, and squash, which few freshman have participated in before coming to MIT. Also there are classes in development, swimming (from beginning to instructor levels), and such recreational sports as judo and archery.

Although the programs were originally designed for freshmen who have to meet a physical education requirement, anybody can use them, and they are excellent ways to relax, build up physical fitness and learn a sport at the same time. Excluding a few very popular classes such as pistol, rifle, sailing, judo, and partner dancing, they are often under-enrolled and thus especially open to upperclassmen, grads, faculty and staff. There is priority for students with unfilled physical education requirements. Registration is in duPont from 8:30-11am on the first day of classes and some time in the middle of the term. Some classes are full by 8am, others still have spaces at 11. It is possible to register late.

Other Classes

Hatha Yoga is taught Monday, and sometimes Tuesday evenings and Thursday mornings, by a special interest sub-group of the MIT Women's League. Call Mrs. Turchinetz (862-2613) if you're interested. The cost is $25 for ten classes. The course is especially good for joggers.

Maggie Lettvin of **Maggie and the Beautiful Machine** leads an exercise class in du-Pont Monday through Friday noon-1pm, and 5-6pm during the school year, and noon-1pm during the summer. Sessions are open to the entire MIT community. During IAP, Maggie leads clinics on lower back pains and varicose veins.

Dance

The MIT Athletic Department offers partner dancing and tap dance as possibilities for fulfilling the physical education requirement. Theoretically you can register for these half-semester classes for non-credit (i.e. for sheer enjoyment); however, they have limited capacity and fill up very fast.

Clubs offer another option. MIT's dance clubs enable interested people to learn, practice, and enjoy their dance skills throughout the year.

The MIT Folk Dance Club (W20-437,x3-9154) teaches Slavic, Israeli, and other ethnic dance forms. Several times a year it invites famous folk-dance instructors to MIT to lead special club workshops; occasionally it participates in big folk-dance "festivals" involving well-known Boston groups such as Mandala and Hamakor. Dancing sessions are held several evenings a week; instruction is provided at every session.

International dancing — Sunday, 7:30-11pm, Sala de Puerto Rico
Balkan dancing — Tuesday, 7:30-11pm, Student Center, Room 491
Israeli dancing — Thursday, 7-11pm, Sala de Puerto Rico

The **Tech Squares** offer a crash course in square dancing for the first eight weeks of each semester. New people are admitted through the third week; after that, only members (which you become by completing the crash course) and people who have come before are admitted. Dancing is held every Tuesday in the Sala from 8-11pm.

The **MIT Ballroom Dance Club** provides instruction in tango, polka, foxtrot, and other classic ballroom dances.

If you are interested in a dance form not offered at MIT, contact the Joy of Movement Center (536MassAvCambridge,492-4680). They offer an incredibly wide variety of dance styles, occasionally including exotic forms such as flamenco. Once or twice a year the Center publishes a guide which is distributed in Lobby 7 and in the Student Center.

Martial Arts

If you are interested in philosophical self-development in the true Oriental tradition, or simply in the rudiments of self-defense, the Boston area has plenty to offer you. Numerous schools and "Asian culture institutes" exist; watch the MIT bulletin boards for their advertisements. MIT itself has several martial-arts groups which welcome both novices and experts.

The **Shim Gum Do Club** (W20-401) teaches the art of Zen swordsmanship — skill with the samurai sword combined with elements of Zen philosophy. Although technically a martial art, it serves mainly to teach its students self-discipline and personal development. Free classes are coed and are held 2-3 hours/week.

Goji-Kai: Karate Club takes a disciplined but non-competitive approach to karate.

The **Shoto Kan Karate Club** teaches a different style of Japanese karate and stresses vigorous workouts and a strict discipline. It presents karate as a sport rather than a self-defense technique; its members participate in intercollegiate competition. Classes are *not* free; beginners pay a higher fee. Practices are held 5-6 hours/week with extra sessions for beginners.

There are also the **MIT Akido Club**, the **Wu-Tang Chinese Martial Arts Club**, and the **Tae-Kwon-Do Club** for those interested in martial arts.

Both the Cambridge YMCA and YWCA offer classes in the martial arts. The YMCA teaches Shotokan karate three nights a week, at a cost of $25/month for as many months as you want. The YWCA teaches judo and beginning and advanced karate, at a cost $22/course. As with all "Y" activities, you must be a member to take a class.

Private schools in the martial arts abound. *Caveat Emptor.* According to a knowledgeable member of the MIT Shotokan club, many area schools care more about the dollars they receive than the instruction they give. Ask qualified people before committing yourself. The MIT Shotokan club has a 6th-degree black-belt instructor who comes in once a week; he can give you expert advice.

Religious Groups

Baha'i

The **MIT Baha'i Association** has weekly meetings. For information check *Tech Talk*, the Building 2 bulletin boards, or contact Laura G. Lupsewicz, x3-3521.

Catholic

Catholic Masses are celebrated in the Chapel every Sunday at 9:00am (guitar), 12 noon (organ), and 5:00pm (guitar). Mass is also celebrated on Tuesdays, Thursdays and Fridays. For information, contact the full-time Catholic Chaplin, Fr. Bob Moran of the Paulist Fathers (312 Memorial Dr.,3rd floor,x3-2961,227-6414). The **Tech Catholic Community** (same address) organizes social events, discussion groups, a weekly charismatic prayer meeting, and other special activities.

Local Catholic churches include:

Blessed Sacrament Church (189PearlStCentralSqCambridge,547-1669) Closest to campus, staffed by a mixture of diocesan and Jesuit preists.

GROUPS

BU Newman House (211 BayStateRdBoston,353-3632) If you live in a Boston frat and can't hack the bridge in the winter, BU's Catholic community has Masses in Marsh Chapel.

Paulist Center Community (5ParkStBoston,742-4461) Liberal Catholic parish-without-boundries just steps from the Park St. subway station. Great book/gift shop. Lots of social justice activity.

Sacred Heart Church (49SixthStCambridge,547-0399)

Saint Ann's Student Parish (70StStephenStBoston,266-2635) Located by Symphony Hall, serves students at Northeastern, Berklee, and all tiny schools across the river. Good place to meet people from other schools.

Saint Anthony's Shrine (100ArchStBoston,542-6440) and **Saint Francis Prudential Chapel** (PrudentialCenterBoston,542-6448) Both run by Franciscans. Masses tend to be very short. Sacrement of the Reconciliation available 9-6 daily.

Saint Paul's Church (34MtAuburnStCambridge,491-8400) Home of the Archdiocesan Boy's Choir School which sings Mass on Sundays at 11:00am and weekdays at 8:00 am when school is in session. Home of the Harvard-Radcliffe Catholic Student Center.

Eastern Orthodox

Local Churches include:

Greek Orthodox Church of St. Constantine and Helen (14MagazineStCentralSq Cambridge,876-3601)

Russian Orthodox Cathedral (165ParkDrBoston,262-9490)

Saint Mary's Orthodox Catholic Church (8InmanStCambridge,547-1234)

Jewish

The **MIT Hillel Society** (W2a,x3-2982) sponsors social, religious, and Zionist activities. Reform services are held Friday evenings in the Chapel. Orthodox Sabbath services are held Saturday in the Student Center. Reform/Conservative services are held Friday nights at 5pm in the basement of Building W2a, 312 Memorial Drive. Check *Tech Talk,* the Hillel Office, and the bulletin board off the main corridor in Building 4 for more information. Kosher meals are available from the Kosher Kitchen (50-005,dl5-6750). Reservations are generally required, and can be made at the Hillel Office. The publication *Genesis II,* describing all Jewish activities in the area, is available at the Hillel Office.

BU Hillel (233BayStateRdBoston,266-3880), **Harvard Hillel** (1BryandStCambridge, 867-6138), **Northeastern Hillel** (1360HuntingtonAvBoston,437-2628), and **Simmons Hillel** (300TheFenwayBoston) all offer religious services and activities of interest.

Local synagogues include:

Cambridge Shul (8TremontStCambridge) Conservative.

Congregation Beth Pinchas (1710BeaconStBrookline) Home of the Hassidic Bostoner Rebbe.

Congregation Kehillath Israel (384HarvardStBrookline) Conservative.

Havurat Shalom Community (113CollegeAvSomerville) A communal group, with innovative conservative services and classes.

Temple Israel (LongwoodAv&PlymouthBoston) Reform.

Temple Ohabei Shalom (1187BeaconStBrookline) Reform.

Vilna Shul (16PhilipsStBoston) Orthodox.

Young Israel of Brookline (62GreegStBrookline) Orthodox.

Moslem

Daily prayers held in Ashdown House (basement) 5 times a day. Call 225-7475 for congregation schedule. Friday prayer, Ashdown House, 1-2pm, Khutba starts at 1:15pm, congregation at 1:45pm. Quarnic classes are held in Arabic Friday at 7pm and in English Saturday at 1pm.

Protestant

There are several active Christian groups on campus, and someone is running a service just about every day. Check *Tech Talk* and the bulletin board in Buildling 2. For more information, see the Protestant chaplains: the Lutheran chaplain, Rev. Jessica Crist (W2a,x3-2325or876-3256) or the Episcopal chaplain, Scott Paradise (W2a,x3-2983). The Protestant staff also includes Anne C. Harkless, a Counselor of Christian Science (W2a,x3-2327or964-0059).

Most of the following on-campus Christian groups share an office in the Student Center (W20-441,dl5-9142), or they can be reached through the religious counselor's offices in W2a.

Campus Crusade for Christ/College Life (dl 9153) stresses one-on-one discipleship, Bible study, and a weekly fellowship and teaching meeting.

Latter Day Saint Student Association provides opportunities for students to meet others on campus and at other campuses with meetings. Services are held on Sundays at 3pm at the LDS Chapel. For more information about the services, call 547-6188.

Lutheran-Episcopal Student Group explores the meaning of Christian faith in a technological society. They gather for worship on Wednesday afternoons at 5:05pm in the Chapel with a supper following in the basement of W2a.

GROUPS

MIT Seekers joins in Bible study and fellowship starting at 5:30pm on Sundays at Park St. Church in Boston. Holds on-campus meetings and activities as well.

United Christian Fellowship holds small group Bible studies, large group meetings, and conferences and retreats. They are affiliated with the national organization, Inter-Varsity Christian Fellowship.

Way Campus Outreach holds meetings and Bible study.

Protestant Churches in the MIT area include:

Beacon Hill Friends House (6ChestnutStBoston,227-9118) Quaker.

Bethel Revival Center (HarcourtStBoston) Full gospel church from the holiness tradition.

Cambridge Christian Center (atChristChurchCambridge,2pm) Charismatic church with fairly traditional Protestant services and a network of Bible study and prayer groups.

Cambridge Church of the Nazarene (FranklinStCambridge) Plain Bible teaching in a multi-ethnic setting.

Christ Church (ZeroGardenStCambridge) Episcopal church, popular with MIT students.

Harvard-Epworth Methodist Church (1555MassAvCambridge,354-0837)

Inman United Presbyterian (InmanSqCambridge) Emphasizes Biblical Christian Community, with charismatic leanings.

Jehovah's Witnesses (136StBotolphStBoston,267-1108)

King's Chapel (58TremontStBoston,523-1749) Unitarian.

Latter Day Saint Chapel (4LongfellowParkCambridge,547-6188)

The Mother Church (105FalmouthStBoston,262-2300) Christian Scientist.

Old South Church (645BoylstonStBoston,536-1970) Congregational.

Park Street Church (1ParkStBoston,523-3383) Large congregational church with special student fellowship.

Ruggles Baptist Church (ParkDr&BeaconStBoston) Bible teaching with close "family groups," including ministry and fellowship groups.

St. Paul A.M.E. (ColumbiaStCambridge,nearMIT) Traditional Black preaching and singing. Very popular with MIT students.

University Lutheran (HarvardSq) Modern Lutheran.

Western Ave. Baptist (WesternAvCambridge) Baptist church with roots in the Black community.

Vedanta Society

Swami Sarvagatanada leads meditation and teaches Friday afternoon in the Chapel. For information, call him at 536-5320.

Service Groups

There are quite a few service organizations which serve a wide variety of needs in the MIT community and in the local community as well. A good way to learn about these groups is to come to their booths at the Activities Midway.

Alpha Phi Omega (APO) (W20-415,x3-3788) projects include MIT registration, helping local community service organizations, renovations of local scout camps, fund raising for charities, and the Book Exchange, held during the first week of classes in Lobby 10.

Alpha Kappa Alpha is a national minority service sorority performing service to the local community and MIT.

Arnold Air Society (20B-113,x3-4472) is a national honorary/service fraternity of AFROTC cadets. They engage in a variety of service projects.

Kappa Alpha Psi is a national minority service fraternity which has, in the past, been active in the Big Brother program and other community service groups.

Lecture Series Committee (LSC) (W20-469,x3-3791) shows movies every Friday, Saturday, and Sunday evening of the term and charges only $1 for admission to members of the MIT community. They also sponsor lectures and do some training in the use of their graphic arts facilities.

MIT Black Student Union (MITBSU) (50-105) is a group which seeks to better the life of black students at MIT. They engage in activities ranging from tutoring to providing tapes of lectures to accomplish this goal. Membership is open to all MIT students.

MIT Human Rights Campus Network is a chapter of Amnesty International, and helps obtain the release of those imprisoned for unjust reasons.

Student Information Processing Board (SIPB) (39-200,x3-7788) helps students obtain computer accounts for applications ranging from learning a computer language to doing number crunching and manages all student accounts. They also run some other computer-related activities.

Technology Community Association (W20-450,x3-4885) publishes this book, and the *Freshman Picturebook*, runs a ticket service, book exchange, silk screen and duplicating facilities, runs six TCA-Red Cross Blood Drives (2,000 pints isn't TDM!), and the Bus to Stop & Shop (see the chapter on **Shopping** for details). **Urban Action**, a part of TCA, coordinates student volunteers in service groups throughout Cambridge and Boston.

Upward Bound (x3-5124) is a federally funded tutoring program run by MIT and Wellesley for low-income students over the summer and in the evenings during the term.

Student Government

The Standing Committees of the Undergraduate Association are the Association of Student Activities, Finance Board, Nominations Committee, Student Center Committee, Student Committee on Educational Policy, and SIPB (see the section on **Service Groups** for details on SIPB) — each of which serves a different function related to student life at MIT. The UA itself has both a legislative arm (the General Assembly) and a Social Committee. In this section, each committee is described as well as the Dormitory Council, Interfraternity Conference and the Graduate Student Council. For more information on any or all of these groups, go to the UA office (W20-401,x3-2696), or to the office of the group, where applicable.

Undergraduate Association (W20-401,x3-2696) The UA is the collective voice of the undergraduates to the DSA, the rest of the MIT administration, and to various Student-Faculty Committees around the Institute. The UA President and Vice-President are elected each spring to one year terms.

The General Assembly consists of representatives from each living group and coordinates the standing committees of the UA. Watch the UA News in *The Tech* and the *Link* for meeting dates and other announcements.

The Social Council administers the UA social budget and supports campus social events.

Association of Student Activities (W20-401,x3-3696) is responsible for promoting and recognizing student activities, allocating office space, mediating disputes between the committees, and running the Activities Midway. They are the people to see to find out how to form an activity or group and they also maintain a file of recognized activities. See **Appendix 8** on activity creation and management.

Finance Board allocates funds to student activities, audits the finances of student activities, and gives financial advice to student groups.

Nominations Committee selects student representatives to most of the Institute Student-Faculty Committees. You can apply to be on committees working with anything from educational policy to administrative proposals by showing up at NomComm hearings.

Student Center Committee (SCC) (W20-347,x3-3916) is responsible for setting policies and scheduling rooms in the Student Center. They also run the 24-hour Coffeehouse, weekly meetings, the Mezz, and live band parties.

Student Committee on Educational Policy (SCEP) attempts to handle educational complaints, conducts surveys on educational questions (including the Course Evaluation Guide), and studies the admissions process, among other things.

MIT Dormitory Council (DormCon)seeks to optimize the housing situation through cooperation of separate house governments. They also sponsor social events and deal with issues concerning interhouse relations.

Interfraternity Conference (IFC) (W20-413,x3-9174) is responsible for coordinating fraternity activities and services.

Graduate Student Council (50-022,x3-2195) serves as a forum for issues of concern to graduate students, coordinates graduate student activities, and has funds available to support social events or activities sponsored by members of the graduate student population.

There can be no free men until there are free women.

— anonymous

Women

MIT is unusual in that the males greatly outnumber the females. Therefore, women here have different experiences and problems than they would in other places. All services that are open for males are also available to women; in addition, a few activities and services especially for women are available.

The **Margaret Cheney Room** (3-310,x3-4880) is a room especially set aside for females. It has a grand piano, complete kitchen equipment, beds, study areas, and showers. It serves as a meeting place for women's activities and women in general. Keys are available from the Dean's Office (5-104,x3-4861).

If you are female and have a problem (medical, social, academic, psychological, or otherwise), all the counseling and medical services of the Institute are open to you. However, if you prefer counseling or treatment by a female, you can get it. Dean Mary Hope (5-104,x3-4861) specializes in counseling. Other helpful women are Dotty Bowe, Assistant Director of Financial Aid (5-119, x3-4971), Mrs. Myra Rodrigues and Mrs. Jacqueline Buck, social workers (Medical Department, x3-4911), Dr. Charlotte Schwartz, the clinical sociologist (Medical Department, x3-2916), and Dr. Margaret Ross, a psychiatrist (Medical Department, x3-2916).

The Medical Department has a female dermatologist. A female gynecologist, Fruma Ginsburgh, M.D., is available most afternoons a week. The department does have a part-time midwife. Florence Dingle, the nurse in charge of gynecology, is also very helpful. Gynecology is covered by MIT Students Medical Insurance. Birth control advice and contraceptives are available on a confidential basis to those who wish them. For more information, call the Medical Department. They will also provide referrals for abortions.

If you should find yourself discriminated against because of your sex, notify Mary Rowe (10-215,x3-5921), Special Assistant to the President, who is specifically concerned with the quality of life for all women connected with MIT.

There can be no free men until there are free women.

— Anonymous

Women's groups at MIT include:

Association of MIT Alumnae (AMITA) meets regularly. They also serve as an organization in which current students may meet with alumnae to discuss careers, chat informally, etc.

Association for Women Students (AWS) is run by students. The projects it undertakes are determined by the members and can range from finding speakers, giving support to the women's sports program, serving as an information resource, and possibly founding a Women's Center at MIT.

Technology Wives Organization (TWO)is an organization for married women students and wives of both foreign and American students. Their purpose is to welcome women, to help them adjust to their new life at MIT, and to offer them opportunities to form friendships. They sponsor monthly meetings and numerous social events. For more information call Barbara Wall (484-1716).

The Wives' Group provides a program of informal activities for American and international wives of students, staff, faculty, and visiting scientists. Several groups have been organized for those who would like to get acquainted with other women and learn about the US as well as about Boston, including the Wednesday Morning Group, which visits museums, shops, and historic spots; the Wednesday Afternoon group, which presents invited speakers covering a broad range of topics, and the Craft Group, whose members offer instruction in different crafts. Babysitting is provided for the Wednesday Afternoon Group; children come along to the other meetings. Other activities which have been organized for members are visits to schools, professional contracts, a Language Conversation Exchange, neighborhood support groups, informal dinner groups for couples, and a welcoming network of persons who help newcomers get settled. The group is informal, and new members may join at any time during the year. It has produced *Getting Acquainted — A Book of Information About MIT and the Boston Area*, for all members of the MIT community, to help them get to know people and organizations that can be of service. For more information, call Dr. Charlotte Schwartz (x3-2916). For copies of *Getting Acquainted*, come to E23-376.

Women's Advisory Group is a representative committee of all the women's groups at MIT which serves as a lobbying group for improvements or decisions affecting MIT women. Representatives are appointed. For more information, contact Mary Rowe (10-215,x3-5921).

Women's Athletic Council consists of representatives from each women's team at MIT for the purpose of furthering the development of athletic programs and facilities for women. (MIT has an extensive women's athletic program. There are varsity basketball, fencing, gymnastics, softball, swimming, sailing, tennis, volleyball, and crew teams, as well as synchronized swimming, rugby, lacrosse, and cheerleading clubs).

Women's Forum members include all women at MIT. They meet regularly to discuss a wide variety of topics and offer a good opportunity for faculty and students to get together. They have a mailbox in 24-017, or call Betty Campbell, x3-6067.

MIT Women's League includes all wives of faculty, administrative and research staff, and female staff members. They have a meeting room (EmmaRogersRoom,10-240) and an adjoining office (x3-3656). In addition to having special programs, members are involved in a number of projects that benefit the community at large, e.g. Furniture Exchange, English Classes for Foreign Wives, Fall Foliage Tour, Plant Sale, Christmas Convocation, TCA-Red Cross Blood Drives, Seminar Series, and the Newcomer Welcoming Committee.

Off-campus women's organizations include:

Boston Women's Collective, Inc. (490BeaconStBoston,266-2620) is a non-profit organization that researches and publishes educational materials.

Boston Women's Health Book Collective (Box192Somerville02144) has written the book *Our Bodies Ourselves* and has an ongoing interest in health care and services.

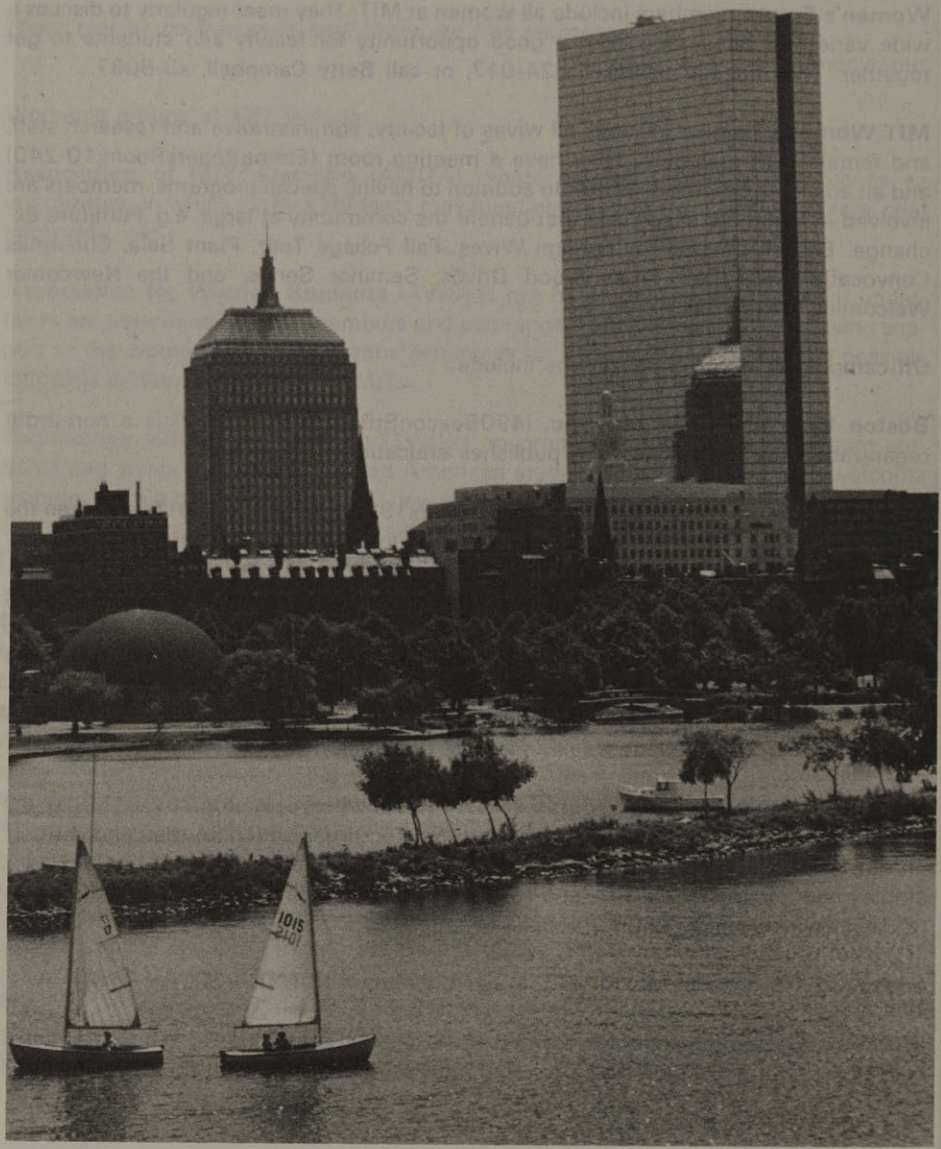
Center for Women's Legal Studies (678MassAvCambridge,492-5200) does test litigation on problems affecting women. If they accept your case, their services are free. Also connected with them is the Women's Law Collective, a group of women attorneys who handle private legal matters for a fee.

Equal Times is an excellent weekly feminist publication distributed free at MIT.

National Organization for Women (NOW) (45NewburyStBoston,267-6160) is the eastern Massachusetts chapter of this multi-faceted organization for men and women. Through educational and political involvement they deal with issues of abortion, employment, child care, health, and religion. They offer speakers' bureaus, legal referral, and consciousness-raising groups.

Sojourner is a feminist journal of the arts distributed at MIT weekly.

Women's Community Health Center (693MassAvCambridge) is a non-traditional collective, self-help group which is recommended. They are a bit inexperienced.



In and Around Boston

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Travel and Transportation

Like the Institute, the Boston area is a difficult place to learn how to navigate. The streets in the older sections follow former cowpaths and shorelines, and make very little sense to newcomers. Occasional grids exist, e.g., in Back Bay and South Boston, but even here confusion reigns — numbering changes from street to street.

To really understand Boston's street layout, you need to realize that its roads run from square to square. Learn where each square is, and the streets just fall into place. (See the map on the following page.)

(see the map on the following page)

Peculiarities to note:

1. Most streets are not clearly marked. Main streets are almost never marked; you can go out of your mind reading the names of every tiny side street without ever finding out what highway you are on.

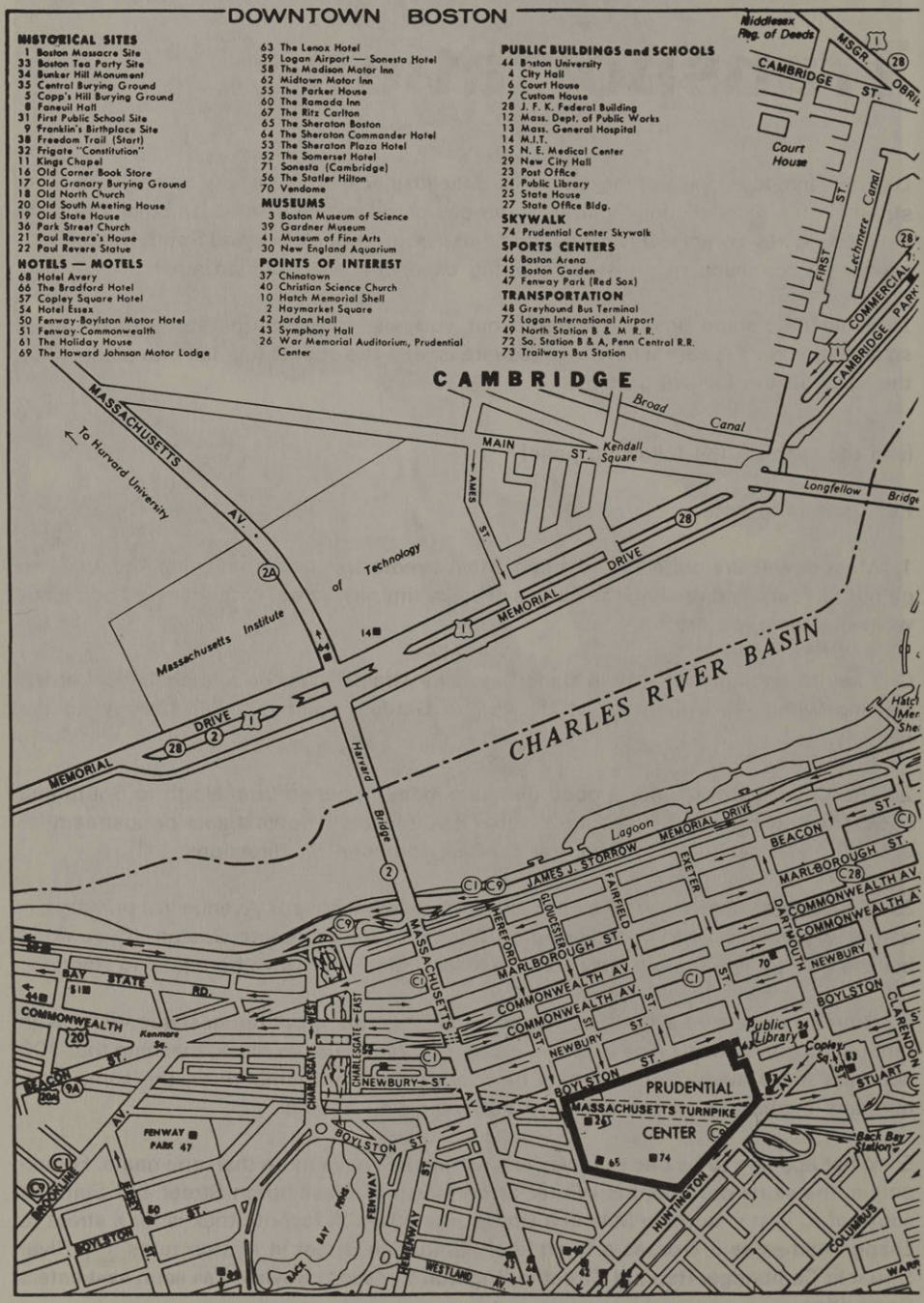
One key to finding your way in Back Bay: side streets there go in alphabetical order, starting with "A" (Arlington) at the Public Garden, ending at "J" (Jersey) in the Fenway.

2. The Charles River is *not* a good direction index. It bends from North to South and back. The only certain thing about it is that if you follow it downstream or upstream far enough you'll get to MIT. Then you can ask someone for directions.

3. Main streets likewise weave back and forth. Massachusetts Avenue is a primary example, weaving its way from Lexington through Cambridge into Boston. If you don't believe this, try figuring out how Mass. Ave. and Memorial Drive both lead to Harvard.

4. House numbers on a street do not go by 100 per block, but rather sequentially, with random inconsistencies. The average is about 30 numbers per block, meaning that 300 numbers is far away. Some streets have odd and even numbers on the same side, numbers increasing on one side and decreasing on another!

5. What appears to be one roadway can sometimes have more than one name. For example, the same pavement is Winter Street north of Washington Street, but Summer south of it. Water turns to Milk in a similar maneuver. A favorite trick is for a street to change names as it crosses a town line. Cambridge Street in Allston turns into River Street in Cambridge. Harvard Street in Brighton turns into Boylston as soon as it enters Cambridge.


DOWNTOWN BOSTON
HISTORICAL SITES
1 Boston Massacre Site
33 Boston Tea Party Site
34 Bunker Hill Monument
35 Central Burying Ground
5 Copp's Hill Burying Ground
8 Faneuil Hall
31 First Public School Site
9 Franklin's Birthplace Site
38 Freedom Trail (Start)
32 Frigate "Constitution"
11 Kings Chapel
16 Old Corner Book Store
17 Old Granary Burying Ground
18 Old North Church
20 Old South Meeting House
19 Old State House
36 Park Street Church
21 Paul Revere's House
22 Paul Revere Statue
HOTELS — MOTELS
68 Hotel Avery
66 The Bradford Hotel
57 Copley Square Hotel
54 Hotel Essex
50 Fenway-Boylston Motor Hotel
51 Fenway-Commonwealth
61 The Holiday House
69 The Howard Johnson Motor Lodge
63 The Lenox Hotel
59 Logan Airport — Sonesta Hotel
58 The Madison Motor Inn
62 Midtown Motor Inn
55 The Parker House
60 The Ramada Inn
67 The Ritz Carlton
65 The Sheraton Boston
64 The Sheraton Commander Hotel
53 The Sheraton Plaza Hotel
52 The Somerset Hotel
71 Sonesta (Cambridge)
56 The Statler Hilton
70 Vendome
MUSEUMS
3 Boston Museum of Science
39 Gardner Museum
41 Museum of Fine Arts
30 New England Aquarium
POINTS OF INTEREST
37 Chinatown
40 Christian Science Church
10 Hatch Memorial Shell
2 Haymarket Square
42 Jordan Hall
43 Symphony Hall
26 War Memorial Auditorium, Prudential Center
PUBLIC BUILDINGS and SCHOOLS
44 Boston University
4 City Hall
6 Court House
7 Custom House
28 J. F. K. Federal Building
12 Mass. Dept. of Public Works
13 Mass. General Hospital
14 M.I.T.
15 N. E. Medical Center
29 New City Hall
23 Post Office
24 Public Library
25 State House
27 State Office Bldg.
SKYWALK
74 Prudential Center Skywalk
SPORTS CENTERS
46 Boston Arena
45 Boston Garden
47 Fenway Park (Red Sox)
TRANSPORTATION
48 Greyhound Bus Terminal
75 Logan International Airport
49 North Station B & M R.R.
72 So. Station B & A, Penn Central R.R.
73 Trailways Bus Station
Middlesex Reg. of Deeds
MSGR. O'BRIEN
CAMBRIDGE ST.
Court House
FIRST ST.
Lechmere Canal
COMMERCIAL
CAMBRIDGE PARK
CAMBRIDGE
Broad Canal
MAIN ST.
Kendall Square
Longfellow Bridge
MASSACHUSETTS AV.
To Harvard University
Massachusetts Institute of Technology
AMES ST.
MEMORIAL DRIVE
CHARLES RIVER BASIN
Harvard Bridge
Lagoon
JAMES J. STORROW MEMORIAL DRIVE
BEACON ST.
MARLBOROUGH ST.
COMMONWEALTH AV.
NEWBURY ST.
BOYLSTON ST.
EXETER
FAIRFIELD
GLOUCESTER
HEREFORD
DARTMOUTH
MASSACHUSETTS
BAY STATE RD.
COMMONWEALTH
Kenmore Sq.
BEACON ST.
CHARLESGATE WEST
CHARLESGATE EAST
Public Library
Copley Sq.
CLARENDON
STUART
PRUDENTIAL
MASSACHUSETTS TURNPIKE
CENTER
Back Bay Station
HUNTINGTON
COLUMBUS
FENWAY PARK 47
FENWAY
BROOKLINE
DEERFIELD
WESTLAND AV.
RACE
BAY
NEW


CHARLESTOWN
BOSTON INNER HARBOR
Charles River
Prison Point Bridge
R.R. Bridges
Charles River Dam
Museum of Science
NASHUA
Boston Garden
North Station
CAUSEWAY
FRIEND
PORTLAND
CANAL
ST.
West End Redevelopement Project
Mass. Gen. Hospital
CHARLESBANK PARK
Pool
BLOSSOM ST.
CHARLES ST.
CAMBRIDGE ST.
MERRIMACK ST.
STANFORD
CARDINAL O'CONNELL WAY
NEW CHARDON Sq.
NEW SUDBURY
Suffolk Univ.
State Office Building
John F. Kennedy Federal Bldg.
New City Hall
CONGRESS
REVERE ST.
PINCKNEY ST.
VERNON ST.
CHESTNUT
BEACON
Frog Pd.
BOSTON COMMON
BOSTON GARDEN
Park Sq.
ELIOT ST.
BOYLSTON ST.
ESSEX ST.
STUART ST.
DORE ST.
New England Med. Ctr.
Castle Square Housing Project
E. BERKELEY ST.
TREMONT
BROADWAY
ARLINGTON
BERKELEY
CLARENDON
DARTMOUTH
HARVARD
OAK
WASHINGTON
HARRISON
SHAWMUT
CHANDLER
JAMES
Arlington Sq.
Stateo House
Pemberton Sq.
COURT ST.
City Hall
SCHOOL ST.
Post Office Sq.
MILK ST.
WASHINGTON
WINTER ST.
TEMPLE PL.
FRANKLIN
FEDERAL
BEDFORD
SUMMER
HIGH
KINGSTON
JOHN F. FITZGERALD EXPRESSWAY
Dewey Sq.
LINCOLN ST.
SOUTH
ATLANTIC AV.
South Station
Summer St. Bridge
DORCHESTER
Point
SUMMER ST.
Broadway Bridge
Fort Hill Sq.
Northern Av. Bridge
Channel
SOUTH BOSTON
Custom House
New England Aquarium
India Wharf
Rowes Wht.
T Wharf
Long Wharf
Commercial Wharf
Lewis Wharf
Sargents Wht.
Lincoln Wht.
Union Wharf
Callahan Tunnel (Toll)
Battery Wharf
Constitution Wharf
Sumner Tunnel (Toll)
NORTH END PLGD.
COMMERCIAL
CHARTER ST.
SNOWHILL
N. WASHINGTON
ENDICOTT
COOPER
SALEM
HANOVER
PARMENTER
BLACKSTONE
ATLANTIC AV.
CLINTON ST.
N. MARKET
S. MARKET
STATE
INDIA ST.
BROAD ST.
OLIVER
PEARL
HIGH ST.
Frigate U.S.S. Constitution "Old Ironsides"
U.S. Naval Reservation
To Mystic Riv. Toll Bridge
Charlestown Bridge
City Square
Hoosac Pier No. 1
HWY
AV.
Legend
City Routes
One Way Streets
U. S. and State Routes
Freedom Trail
0 ⅛ ¼ scale miles ½ Mile
Prepared by The National Survey, Chester, Vt

Not only that, but the same name is used for different streets in different towns or even different sections of the same town. All the streets mentioned above are repeated again and again in various locations. Boylston St. in Cambridge has no relation to Boylston St. in Boston, nor do any of the myriad Harvard and Washington Streets have anything in common. In another variation, the street names stay the same, but the numbering system starts all over again, normally in the opposite direction. For instance, 840 Mass. Ave. in Boston is nowhere near 840 Mass. Ave. in Cambridge.

6. Town names are no less confusing than street names. Present-day Boston includes the old townships of Allston, Brighton, Charlestown, Hyde Park, Roxbury, West Roxbury, Jamaica Plain, Mattapan, South Boston, Dorchester, East Boston and Roslindale. At the core of all this is Boston Proper, which includes the neighborhoods of the North End, West End, South End, Downtown, Chinatown, Beacon Hill and Back Bay. In addition there are unofficial terms, such as Readville, South Cove, Columbia Point and Orient Heights, in common use. The various governments, the post office, the telephone company and the local people all differ on which of these terms should be used. (But note that Brookline, although an inner suburb, is *not* a part of Boston.)

7. Adjacent areas often have similar names. For example: Newton Center, West Newton, Newton Lower Falls, Newton Upper Falls and Auburndale (how did *that* get there?) are all parts of Newton.

8. The Metropolitan District Commission (MDC) is a separate (not equal, greater, or lesser, just separate) entity charged with handling certain services for Boston and the outlying suburbs. The parks, MDC police, water supply, MDC "parkways," many pools, skating rinks, tennis courts, and sewers are managed by the MDC.

9. When traveling to an unfamiliar place pick an easily visible landmark near where you want to go, or know the name of the nearest square (roads tend to run from square to square) and head for that. It is also much easier to ask strangers for directions to landmarks than to out-of-the-way places.

Maps

Good, free maps are difficult to come by. Cambridge and Boston Chambers of Commerce sporadically publish maps, and may have a few available. The Information Office (7-113) and many dorm desks have maps you can consult. For a few dollars, **The Coop** sells several good maps of Cambridge and Boston, including the **Arrow Street Guide of Boston and Surrounding Communities**, and **Car-free in Boston and all Massachusetts**, an excellent book with all sorts of transit, biking and walking maps, as well as tips on using mass transit, taxicabs and bicycles. The Park St. **T**-station usually has maps and schedules of all **T** routes

Walking

Compared with many other cities, Boston is a city of microscopic distances, and walking is often the easiest form of transportation. During rush hour, it may almost be as fast as driving, especially from here to Harvard Square. Another advantage of walking is that you get a chance to meet people and see shops and activities you would otherwise miss. If you need an escort across campus, call Campus Patrol (x3-1212). This service of Campus Patrol is especially good for women travelling alone at night or anyone with a large sum of money to be deposited.

If you are walking alone at night, find a friend to two to go with you, especially if you are going off-campus or into an unknown area. Otherwise, use your common-sense. Boston and Cambridge have high crime rates and even a "grungy-looking" student isn't necessarily safe. Use only well-lighted, well-travelled streets; don't take short cuts. Even if you plan to avoid the notorious Combat Zone, remember just walking along Memorial Drive to look at the river by moonlight can be hazardous.

Hitchhiking

Although hitchhiking may be a popular way to get around, it is illegal in Boston, Cambridge, and other cities. Enforcement, however, seems to be left up to the whim of the particular policeman. Your hair length, the number of holes in your clothes, and the policeman's disposition must be taken into account. Usually, the police will ask violators to stop and will not bother to issue tickets. Laws and penalties vary from one jurisdiction to the next.

Unfortunately, police are not the only hazard to hitchhiking. In the past there have been a number of students (drivers and hitchhikers) shot or robbed. It takes a lot of nerve for even a gorilla to hitchhike in some neighborhoods.

If you haven't hitchhiked before, Boston isn't the place to start. If you plan on hitchhiking anyway, remember that you are taking your like into your own hands. It's usually worth the money spent to avoid playing Russian Roulette.

Mass Transit

Boston has one of oldest and dearest mass transit systems in the country. It is operated by the Massachusetts Bay Transportation Authority (MBTA), usually known as the "T." Park Street is the oldest subway station in the nation. The T uses rapid transit cars, streetcars, electric buses (trackless trolleys), conventional buses, and diesel-powered commuter rail cars.

The T has been in a state of transition recently. Some services have been cut and others change frequently. Constructin in Harvard Square (and other areas) seems to be endless, but should start showing results soon. Despite its faults, the **T** is still the best means of transportation in Boston.

The MBTA system is built around its subway system. Most bus lines begin at subway stations. Most of the major bus routes in Cambridge radiate from either Harvard or Central stations on the Red Line. For details of subway system routes, see the Rapid Transit map on the next page. For bus routes in Cambridge, see the page after that. Complete system maps, showing all bus and subway routes, and bus schedules are available free at the Information Booth at Park St. Station (Red or Green Lines) from about 7am to 10:30pm daily. The MBTA information number is 722-3200. **Car-free in Boston**, $2.50 at most bookstores, is perhaps the the most accesible guide to the **T**.

Commuter intermediate-distance rail service to points north and west of Boston is available at North Station (227-5070, 1-800-392-6099). Lines to the south and west of Boston originate at South Station (482-4400, 1-800-882-1220). The MBTA rapid transit lines make stops at both of these stations (see the subway map).

Most lines do not run past 1am (10pm on Sunday), and many stop earlier. Schedules late at night tend to be erratic; there may be cutbacks in runs, the driver may not feel like stopping, things are generally bad. Be careful when riding late at night or you may be left stranded. MBTA service usually starts between 5am and 6am.

Fares

The basic fare on bus "feeder lines" (most routes) is 50¢ and 60¢ on rapid transit lines (including subways).

Previously, there have been extra charges on the Red Line from North Quincy to Quincy Center, and more for the Braintree and Quincy Adams stations. There are also additional charges to/from the Malden and Oak Grove stations on the Orange Line. Some above ground routes on the Green Line also cost more. Trolleys and buses accept only exact change. Most subway stops have a booth for making change and/or selling tokens, but don't count on them late at night. Kendall outbound is often unmanned after rush hour; you will have to go to the inbound side to get a token.

Monthly passes for unlimited MBTA rides are available to the MIT Communty the last five business days of the month at the Cashier's Office (10-180). The passes vary in price and services offered: the Cashier's Office has up-to-date information available. They can also be bought at Charlesbank Trust and Freedom Federal Savings in Cambridge, and other banks around Boston.

Connections at MIT

The line most often used by MIT people is the Harvard-Dudley bus (MBTA Bus #1), which stops at several rapid transit stations as its threads its way on Mass. Ave. through Cambridge and Boston. The buses are said to travel in packs: three at a time and then none for an hour. Allow extra time in case you have to wait. The bus starts at Harvard Square (Red Line), runs along Mass. Ave. through Central Square (Red), and passes the MIT Building 7 entrance. From MIT it continues across the Harvard Bridge to Boston, stopping at Auditorium (Green), Symphony (Green), and Northampton (Orange). Finally, there is a short leg south on Washington Street to Dudley (Orange), where the bus turns around for the return trip. Alternatively, if you're on the eastern part of the MIT campus, the Kendall Square station of the Red Line is only a short walk away. In addition, the Central Square Red Line station is a short walk up Mass. Ave.

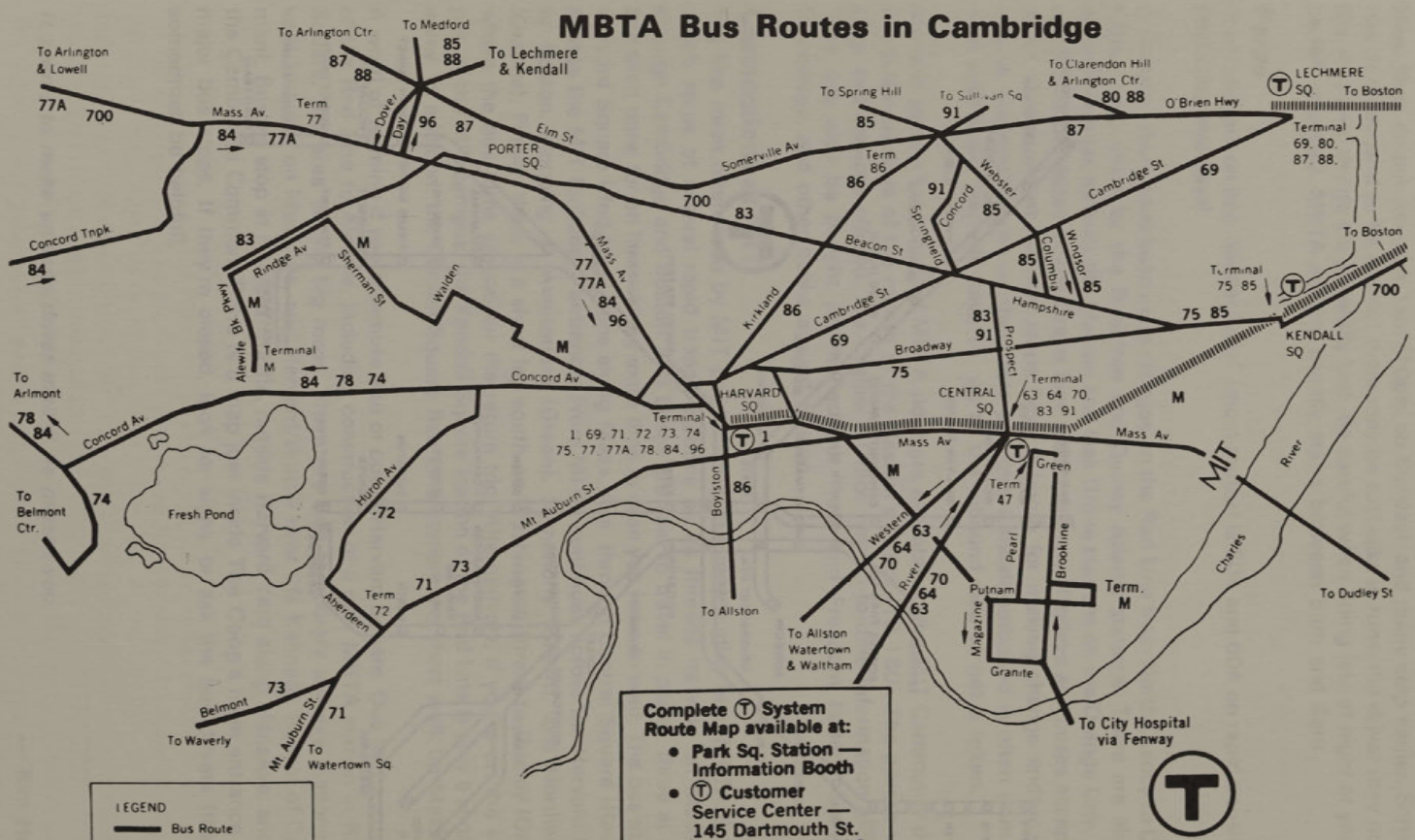
A word of warning if you commute into or out of Harvard Square. Due to the extension of the Red Line to Alewife, including construction of a new MBTA station in Harvard Square, the area is one big mess. There are two temporary subway stations, Harvard/Holyoke on MassAve, and Harvard/Brattle near the Kennedy School of Government. Busses stop at Harvard/Brattle, outside Harvard Yard along MassAve, and/or at the Cambridge Common. There is a map just inside **The Coop**'s main entrance of the major bus stops. If they're closed, look for signs, or ask the bus drivers (they can sometimes be helpful).

It seems to make an auto driver mad if he misses you.

— Kim Hubbard


OAK GROVE
MALDEN CENTER
WELLINGTON
SULLIVAN SQUARE
ALEWIFE
DAVIS
PORTER
HARVARD
CENTRAL
KENDALL
CHARLES
LECHMERE
SCIENCE PARK
COMMUNITY COLLEGE
NORTH STATION
HAYMARKET
BOWDOIN
GOVERNMENT CTR.
PARK ST.
STATE
WASHINGTON
AQUARIUM
WONDERLAND
REVERE BEACH
BEACHMONT
SUFFOLK DOWNS
ORIENT HEIGHTS
WOOD ISLAND
AIRPORT
MAVERICK
BOYLSTON
ARLINGTON
COPLEY
AUDITORIUM
KENMORE
PRUDENTIAL
SYMPHONY
NORTHEASTERN
BRIGHAM CIRCLE
HEATH
ESSEX
DOVER
NORTHAMPTON
DUDLEY
EGLESTON
GREEN
FOREST HILLS
ARBORWAY
E
SOUTH STATION
BROADWAY
ANDREW
COLUMBIA
SAVIN HILL
FIELDS CORNER
SHAWMUT
ASHMONT
MATTAPAN
NORTH QUINCY
WOLLASTON
QUINCY CENTER
QUINCY ADAMS
BRAINTRAIN
BOSTON COLLEGE
B
CLEVELAND CIRCLE C
RIVERSIDE
D
RESERVOIR

MBTA Bus Routes in Cambridge



This song, in a version recorded by The Kingston Trio, was a popular hit in the late 1950's.

Let me tell you the story of a man named Charlie
On that tragic and fateful day.
He put ten cents in his pocket, kissed his wife and his family,
And went to ride on the MTA.

CHORUS:
Well, did he ever return?
No, he never returned
And his fate is still unlearned.
He may ride forever 'neath the streets of Boston,
He's the man who never returned.

Charlie handed in his dime at the Kendall Square Station
And he changed for Jamaica Plain.
When he got there the conductor told him, "One more nickel!"
Charlie couldn't get off that train.

CHORUS

Well, all night long Charlie rode through the stations
Crying, "What will become of me?
How can I afford to see my sister in Chelsea
Or my cousin in Roxbury?"

CHORUS

Charlie's wife goes down to the Scollay Square Station
Every day at a quarter past two.
And through the open window she hands Charlie a sandwich
As the train comes rumbling through.

CHORUS

Well, all you citizens of Boston, don't you think it's a scandal
How the people have to pay and pay?
Fight the fare increase, vote for George O'Brien
Get poor Charlie off the MTA!

CHORUS

Note: George O'Brien used this as a campaign song in his bid for mayor. (He lost the election miserably.)

Taxis

Taxis can be convenient since they avoid many of the usual problems associated with cars. However, they are expensive (at least 90¢ for the first mile, 20¢ per 1/5 mile, plus $10 per hour), and are least available when you need them most. During rush hour they tend to be quite hard to find, and will sometimes take a half hour to answer a call. Just before a holiday or during bad weather they are almost impossible to find quickly; if you want a cab at such times you should call not less than an hour beforehand. The **Ambassador Brattle Taxi Co.** can be reached through MIT x3-2301. During peak times, try a taxi company from an outside phone (phone numbers in Yellow Pages). They tend to respond quicker to non-students. Taxis can often be found in front of 77 Mass. Ave., near the Kendall Square T-stop, and (almost always) outside the Hyatt-Regency (right next door to Next House).

Cab drivers are generally talkative, opinionated and non-violent, if you tip them 10-15%.

Bicycles

A two-wheeler can be a good answer to traffic and parking problems - if the thought of facing Boston drivers doesn't scare you off. Cyclists are legally expected to obey all traffic laws (although many don't, angering drivers, especially cabbies, to no end and making for general mayhem on the streets). Although enforcement for bicycles is almost non-existent, obeying the law is always your best bet.

Keeping Your Bike

Theft is a tremendous problem. Both Boston and Cambridge are so well supplied with bicycle thieves that the chance of leaving even a cruddy bicycle unlocked overnight and finding it the next day are miniscule. Things are somewhat better during the day, but not much.

The only two bike locks which stand much of a chance of saving your bike are the **Citadel** and the **Kryptonite**. Both are available at the **Bicycle Workshop** and the **Bicycle Exchange** and come with insurance. **The Coop** carries only the Kryptonite. Boston thieves, however, frequently take wheels, seats, and anything else not locked on.

There are indoor or covered bicycle parking areas located in the breezeway under Building 39, in the basements of Buildings 3 and 13, and in most of the dormitories. The area in Building 13 has a card-key system. You can register for a card-key at Campus Police headquarters for $1.

The wide variety of bicycle racks is the result of several experimental designs tried by Physical Plant, the Planning Office and others. If you have any particular favorite, or suggestions for new designs, Mr. Pickard at Physical Plant (x3-3940) would like to hear about them.

One place where bicycles should *never* be parked is on the handrails of the steps of the Hermann Building (E53), or any other handrails. There have been several accidents involving blind people falling over bicycles left there, and Physical Plant has been known to cut chains and remove bicycles from improper locations. They have no objections to the use of light poles, no-parking signs, or trees, as long as safety hazards are not created. In addition, *never* park your bike on any wheelchair ramp, including the ramps in front of **The Coop**!.

Buying and Registering Your Wheels

Bicycles and accessories can be purchased from several stores in the area; check the Yellow Pages. The **Bicycle Exchange** (3 Bow St. Cambridge, near Harvard Sq, 864-1300) has the largest selection and somewhat reasonable prices. Other stores include **Cambridge Cycle Mart**, **Lifecycle**, **The Bicycle Revival**, **The Beacon Hill Bike Shop**, **Bicycle Workshop**, **Herson Cycle** and **Brookline Sales and Service**. Shop around before you buy, and make sure you don't get rooked on the accessories. **Hint:** Buy a lock and chain first, so you have a means of keeping your brand new bike.

The Bicycle Repair Collective (351 Broadway Cambridge, 868-3392), a political collective, is claimed to be good for parts and repairs at non-ripoff prices. Good advice on repairing your bike and tools to do it with are also available.

Bicycles should be registered with the Campus Police and with the Cambridge Police in Central Square (5 Western Ave). It costs 25¢ but helps them recover your bike if it is stolen. Be sure to record your bike's serial number since that is the only way to positively identify it. Also, Cambridge police will not look for your cycle if you can't give them a serial number.

It is advisable to put a full set of reflectors on your bike (they're required by law) and to wear a safety helmet (how much is your head worth?) Extra precautions, including proper reflectors and lights, should be taken when riding at night.

The Boston Area Bicycle Coalition (Cambridge,491-7433) works on legislation to help commuting cyclists. Among other things, they help new commuting cyclists with a bike-buddy service and with workshops. Call their number for information on their services, such as discounts at local bicycle stores, and tours.

The **Charles River Wheelmen** (131 Mount Auburn St Cambridge) organize frequent bike trips and sports events. See Prof. David Wilson (3-447,x3-5121) if you are interested in the more esoteric aspects of cycling such as researching bike dynamics or developing new bike routes.

Some dormitories have bike repair facilities. Generally these are for the use of dormitory residents only.

If you are traveling on Amtrak, you can bring your bike for only $2 if you remove any batteries and turn down the handlebars, reverse the handles and box it. Be sure to show up at the station a half hour early and try to be on hand when the bike is loaded and unloaded. Make sure there are baggage rooms at the stations at both ends of the trip and avoid the Turbotrain and Metroliner which have no baggage cars.

Most major airlines will provide boxes for shipping bicycles. They charge a set fee for shipping anywhere in the US.

Mopeds

They are obtainable at **Moped City** (491-5375) in Harvard Square. The only requirement is that you have an automobile driver's licence and agree to drive the moped at no more than 25 miles per hour. Otherwise treat them like a bicycle. Get a Kryptonite moped lock so you can keep your moped. Cost is approximately $600-$900.

Motorcycles

Motorcycles must be registered with Campus Police. Out-of-state cycles must also be registered with the local police. Check with Campus Police (x3-2997) for details. State law requires that you have a certain minimum amount of insurance and proper headgear for both driver and passenger. There are several motorcycle organizations in the area. Check with other owners, or dealers. Wear a helmet!

Automobiles

A car can be a great advantage, but driving in Boston involves a large set of aggravations (including Boston drivers). In addition, registration, insurance, maintenance, and gas can get pretty expensive. There is a good chance you can get by without a car in Boston and save a lot of money and aggravation. However, parking problems notwithstanding, a car is normally the best means of transportation for people living far from MIT.

Parking

Parking is a problem, but not too bad if you don't mind walking long distances and feeding meters. Meter maids patrol during the daytime, so if you neglect to pay up you're very likely to get tagged. Car thieves are as prevalent as bicycle thieves, so keep your car locked and put tempting articles out of sight, preferably in the trunk. There are lots of garages in the theatre and shopping districts, but they fill early and cost a lot.evening, go early or take the T.

MIT parking is very tight. Faculty and some staff members can get stickers for the lots and garages from their departmental headquarters (trading stickers is permitted; check the ads in *Tech Talk*). Some people park in the street, frequently blocking firelanes, pedestrian access and each other. To get a street space reasonably close to the main buildings you should plan to arrive around 7am. Parking is banned, however, on Memorial Drive from 7-10am. You might be able to find a space if you arrive close to 10am. Otherwise, start looking for a space about ½ mile away. After 5pm on weekdays and on weekends, the MIT lots are generally open to all. However, be wary of the parking garages at night. They are high-risk areas for theft and assault.

Dormitories have small parking lots available to residents; check at the desk. Stickers are usually issued at the beginning of each term. Dean Robert Holden (W20-345, x3-7974) has some stickers he will give out if you can show good cause. Campus Police (x3-1212) has information on good places to park around the Institute and can issue temporary or guest parking permits.

During the winter, snow removal is slow and inefficient; side streets often don't get plowed. There are also emergency parking bans on many major streets during snow storms. If you park in the street, be sure you are familiar with the regulations which apply at that location.

If your car is parked in Cambridge, make sure that you will know if an official "snow emergency" is declared. At such times, all parked cars must be removed from Memorial Drive, and other locations marked by a red-and-white "Snow Emergency" sign. You can use the Westgate West parking lot overnight, but must move your car in the morning. The 24-hour Cambridge parking ordinance is enforced during snow because they can tell how long you have been parked.

Radio stations WEEI, WCAS, WBZ, WHDH, WRKO, and WCAP will broadcast announcements of emergencies (see **Radio** in **Media**). Also, you can call the appropriate municipal Departments of Traffic and Parking. In Cambridge, the number is 867-6800, x314.

If you live in an apartment, your landlord may provide off-street parking. If he promises to provide it, be sure it says so in your lease. You may be able to rent garage space nearby (rates run around $25 a month). Otherwise, you'll have to park in the street, if it is legal. (In Brookline it is forbidden to park in the street overnight, so make sure you get a parking space.)

Beacon Street is the only street in the country where you have to back in to doublepark.

Parking on certain Cambridge Streets is banned from 7am-10am due to Environmental Protection Agency regulations. However, cars with resident parking stickers are allowed to park on streets within one half mile of their owner's residence. Stickers are available only for cars with Massachusetts plates, and cost $1. They are available at Cambridge City Hall.

"You're driving like a maniac."

"This is Boston. Everyone drives like a maniac."

— E. Segal

Traffic

Boston traffic is heavy even during non-rush hours. During rush hours (7-9am, 3:30-6pm) it becomes ridiculous. As you become familiar with the area, you should notice and use shortcuts and circuitous routes which will avoid the major jam-up areas. Example: Bay State Road is a good way to bypass Kenmore Square going west from Beacon Street onto Commonwealth Ave.

WBZ (1030 AM) has regular traffic reports from a helicopter, and WHDH (850 AM) uses a plane for its Skyway Patrol. WEZE (1260 AM), WRKO (680 AM) WEEI (590 AM), WROR (98.5 FM) and others also report on traffic. All can be invaluable to someone with little knowledge of the area and a car radio.

Many intersections which *should*, do not have stoplights. Some of those that do, also have pedestrian-operated lights, but watch out for pedestrians who blithely cross against the light and expect you to come to a screeching halt. The area is full of them. Also watch for pedestrians crossing at any random point, which happens most frequently around a college (such as MIT), but is pandemic.

Boston drivers are unbelievably bad, even for a large American city. On any given day you can see the entire repertoire of wrong turns, U-turns, nerve-wracking lane changes, light crashing, weaving, speeding (too fast or too slow), plus some new tricks such as charging up the left side of the street at 60 mph in order to be able to make a left turn against oncoming traffic before the light goes red. The traffic pattern at red lights is that people keep zipping through 1½ seconds after the light turns red, but don't move when it turns green for about the same time (which balances things). Massachusetts has one of the lowest fatality rates in the country, but may be #1 in "fender-benders."

Buying A Car

New Cars:
Take time to shop around, and be prepared to bargain with the salesman; his first price usually isn't the best he can offer. Prices tend to be up to 30% lower in the suburbs. It is possible to buy a car and have it registered in your home state (if you're not from Massachusetts), thereby saving the sales tax and excise tax. This may affect insurance rates, which are discussed later.

Used Cars:
Be doubly careful. Used car dealers are generally disreputable and over-priced; national dealers are not much more reputable than local dealers. Instead of buying from a dealer, check *Tech Talk*, the *Phoenix*, and the *Globe* for potential sellers. (Buying from a stranger is risky, but not so much as purchasing from an experienced salesman.) If you *do* buy from a dealer, first consult the Better Business Bureau.

Maintaining a Car

Car maintenance can be a problem. Many garages are shady, if not outright dishonest. Find a reputable garage and stick with it; ask someone who has been around for a while. There are several tire companies in the Cambridge area that sell tires at large discounts; watch for ads in the MIT newspapers. **Good News Garage** (46LandsdowneStCambridge,354-5383) offers auto repair courses and will rent its facilities for Do-It-Yourself repairs. **Mechania** (27Hayward,Cambridge) also rents their facilities.

There are many car washs in the Boston-Cambridge area. **Allston Car Wash** (434-CambridgeStBrighton,254-3200), **Lechmere Auto Wash Centers** (262MsgrO'brienHwyLechmereSqCambridge, 864-3667; 2013MassAvePorterSqCambridge, 492-4958), and **ScrubaDub** (239StuartStBoston,482-5457) are the closest. Services vary from do-it-your-self to auto-wash to wash, wax, polish, vacuum and shampoo (carpet), and engine washing. Prices vary with the amount of services you want.

Keeping a Car

Keeping your car is also a problem, since thieves abound. Boston has the highest auto theft rate in the country. Even daylight thefts are amazingly frequent; professionals can steal a car in less than five minutes. Try installing an alarm, especially if your car is new or otherwise desirable. However, be attentive to locking your car properly when you have one; car thieves listen for an alarm that indicates that the driver has left his door open. Try to park your car in a well-lit and conspicuous spot, where an alarm buzzer will attract somebody's attention. Also steering, clutch or ignition locks will slow down (but not stop) a thief. Contact Campus Patrol for more advice. They have available a list of anti-theft devices with an evaluation on each one.

Insurance

Massachusetts auto insurance, both personal injury and property, works on the no-fault system. This essentially means that in most cases your insurance company (if you are a Massachusetts resident) is responsible for covering damage to your car and your injuries, regardless of who is at fault in a collision. By law, Massachusetts motorists must have certain minimum coverage. If a collision involves an out-of-state car, the no-fault provision probably does not apply and the insurance company of the party at fault is responsible. In response to numerous complaints, the Massachusetts Legislature is considering the repeal of no-fault property insurance and institution of driver safety record discounts.

If you are insured in another state you must have the equivalent of the minimum insurance required by Massachusetts state law. In addition, at the beginning of the new year when you renew your policy, you must inform your insurance company that your car is now principally garaged in Massachusetts. This will result in your having to pay Massachusetts insurance rates (the highest in the nation). Please note that you should give your company the name of the city you are actually living in, as rates vary by city (Boston being the highest, and Cambridge one of the next highest). While you might be tempted not to report to your insurance company that your car is in Massachusetts, *this is a serious risk*. The company would not normally catch you, but if you do get into a collision, they might well find out in the process of the investigation and refuse to pay you anything at all. Thus, you may effectively have no insurance coverage at all.

Buying Insurance

If you were insured in another state, you will save money (cancellation fees and the like) by insuring with the same company in Massachusetts, if they have agents here. Likewise, you will do well to insure with a nationwide company if you are not a permanent Massachusetts resident. Check around with a few agents and see what they have to offer, for auto rates in Massachusetts are fixed by law.

Registering Your Car at MIT

All student-owned cars must be registered with the Campus Police annually. In addition, out-of-state cars must be registered with local police. You can do this in the Armory on Registration Day, or anytime at the Campus Police Office, 120 Mass Ave, (W31-215).

Registering Your Car with the State

Massachusetts Registration: In order to register a car in Massachusetts you must have the required minimum insurance and pay an excise tax of 6.6% of the value of the car. Also, cars registered in Massachusetts must pass semi-annual auto inspections in April and October. (This can be done at most service stations which have repair facilities.)

Out-of-State Registration: Rules vary depending on which state you are from, but the following generally applies:

If you are from outside Massachusetts you will probably do well to keep your out-of-state registration. According to state law you must register your car within thirty days of becoming "gainfully employed" here. (Graduate students receiving a stipend or having a fellowship or assistantship may fall under this category.) Otherwise, you are probably able to keep your registration, provided you don't become a legal resident of Massachusetts. (Registering to vote or getting married may affect this.) In any of these cases check with Campus Patrol or the Registry of Motor Vehicles.

Questions about Massachusetts vehicle laws and regulations concerning out-of-state cars (including insurance) may be addressed to the Campus Patrol (x3-1212).

Note: A useful information sheet is included in your registration material each term.

Foreign Drivers

Drivers from a number of countries may drive for one year in the US on an international license, which can be obtained in the home country. The end of the year is designated as the earlier of (1) the end of the academic year or (2) one calendar year from the date of entry into the US. For full details call the International Student Office (x3-3795), Campus Police (x3-1212) or the Registry of Motor Vehicles.

Carpools

You can reduce pollution, save on gas and other expenses, and perhaps make some friends if you join or organize a commuter carpool. The classified ads in *Tech Talk* and the Planning Office (x3-5831) are handy for locating rides/riders.

Renting a Car

If you can't get a ride with someone else, renting a car may be the answer. Shop around for the lowest rates, and try to work out how far you will want to drive. Most car rental firms do not rent to people who are under 21. **Locost**, (25 River St, Cambridge, 354-1160) will rent to students who can present an MIT or Harvard ID; **National** (183 Dartmouth Boston, 426-6830; 1663 Mass Av Cambridge, 661-8747, 1-800-328-4567) will rent to those over age 18, and on short notice (Boston office only). Rates tend to change frequently, check ads in *The Tech* and Boston dailies, especially around holidays. If you find these unsatisfactory or inaccessible, try the Yellow Pages for firms throughout the Boston area. In general, the local ones will be the cheap ones, but check their reputations first; some provide insurance while others do not. However, with a national firm you have the advantage of being able to leave the car at a distant point.

If you will be using the car over the weekend or for only a short time, check about lower weekend rates and/or "8-hour special" rates. Many firms have them.

Long Distance Travel

Railroads

Trains provide a reasonably comfortable way to travel. They have enforced smoking regulations (smoking and non-smoking cars), plenty of leg room, space to walk, and snack service. Amtrak operates trains out of Boston to New York, Washington and points south, and to Albany, Detroit, Chicago and points west. Connections are available to the entire US from Chicago and New York.

Prices are competitive with buses. Trains to the South tend to be as fast or faster than buses; to the West, the trains are slower than horses. Scheduled travel time to New York is about 5 hours, though they tend to run late, particularly during holidays.

Amtrak trains leave Boston from South Station (MBTA Red Line), and from Back Bay Station, 145 Dartmouth St, behind the John Hancock Tower in Copley Square (MBTA Green Line). During holiday seasons, trains can be standing room only, and it is always easier to find a good seat at South Station than at Back Bay. The Back Bay station is temporarily closed at this time for MBTA renovation. For information call Amtrak (1-800-523-5720) or South Station (482-3660). Schedules change every 2 or 3 months.

I never travel without my diary. One should always have something sensational to read on the train.

— Oscar Fingan O'Flahertie Wills Wilde

Busses

There are only two bus terminals in Boston: **Continental Trailways** (Atlantic and SummerStsBoston,491-1800;MBTA:SouthStation) and **Greyhound** (10St.James-AveBoston,423-5810;MBTA:Arlington) All other bus lines use one or the other of these terminals. If you don't which company you want, call Greyhound or Trailways and tell them where you want to go; they will explain which company serves your destination. Then call the company — there may only be one small line serving a particular locality. Bus lines will take you almost anywhere on the continent, and they are the cheapest form of transportation on most routes. Don't give up trying to call Greyhound. You may think they they forgot you when they put on hold , but generally someone will answer if you wait fifteen minutes or so.

Airlines

Logan Airport (Massachusetts Port Authority, 567-5400) is the eighth busiest airport in the world, handling commercial flights to everywhere in the US and many foreign cities. Travel time to Logan runs about an hour by MBTA (though it can be less) or half an hour to two hours by cab, depending on traffic conditions. Avoid the rush hour if possible. People who intend to make a reservation for a "supersaver" flight for Christmas should start in October. Summer is easier. You can call the airlines day or night for reservations and information.

With the advent of airline deregulation, fares are changing daily. It definitely pays to let your fingers do the walking (toll-free numbers are listed below). The best bets for discount fares are **Republic**, **Piedmont**, and **Midway**, although their busy lines require patience.

If you are going to New York or Washington, flying may be cheaper than you could imagine. **Eastern**'s Air Shuttle departs hourly for NY, no reservations required. You may buy your ticket on the plane. Newcomers **New York Air** and **Peoples Express** had created a tremendous price war in the New York-Boston-Washington market for a while, but things seem to have settled down. **Capitol** offers no restrictions for slightly higher fares.

Note: If you are flying a long distance and have to make a connection in New York City, make sure that you go to the airport that has the desired flight. Unlike other cities, New York has three separate airports which are quite far apart, and it is very expensive to get from one to another.

Local Airline Toll-free Numbers

The following is a list of airlines, their ticket agencies, and toll-free (1-800-) numbers:

Air New England	569-5570	NorthWest Orient	221-7300
American	433-7300	Peoples Express	526-9200
Capitol	223-6365	Piedmont	251-5720
Continental	525-0280	Ozark	447-4427
Delta	962-3500	Republic	241-9385
Eastern	732-3860	TWA	221-2000
Empire	448-4104	United	631-1400
Midway	621-5700	USAir	448-2170
New York Air	221-9300	World	526-8300

A major cause of traffic accidents in Boston is two cars trying to hit the same pedestrian.

— Anonymous

Automobiles

If you own a car, driving can be the most convenient way to get where you're going. However, if you are traveling alone, driving can be extremely expensive and tiresome. Riders and drivers can find each other through the APO ride board opposite 7-133. Want ads in *Tech Talk,* the *Boston Phoenix* also work.

One way to get a car for a long distance trip is to call one of the auto delivery services listed in the Yellow Pages under Automobile Transporters. They have cars that need to be taken to many parts of the country, and they will pay some expenses.

Travel Services and Agents

There is no official group at the Institute that arranges charter or group flights for students traveling during vacations. The **MIT Quarter Century Club** (x3-7914), serving the entire MIT community, offers charter tours to faraway places. However, the trips generally last only a week. The cost includes not only air fare but also hotel accomodations and often some meals, sightseeing trips, or other extras. Of course, there is a plethora of outside agencies offering wonderful bargains, but not all these firms are reputable. You should check with the Better Business Bureau if there is ever any question. Often you can save some money by checking with the airlines or a reputable travel agency for information on night travel and special excursion fares.

There are two travel agencies that serve the MIT community:

Heritage Travel (x3-7961). Their Kendall Square office is convenient, but they do not accept phone orders from students, nor will they deliver to people not listed in the faculty/staff directory.

Raymond and Whitcomb (x3-4438). They are an easier agency for students to go through since they will accept phone orders and will deliver tickets to TCA for pickup at no extra cost.

You can order all airline tickets directly through TCA (x3-4885, Rm W20-450), or reserve them directly through the airlines on your own and then come to TCA to request delivery there. By picking up your ticket at TCA you can eliminate extra days delays and hassles at the airport and can avoid making a special trip when a ticket must be picked up and paid for days in advance (e.g. for some special fares or during peak travel times).

Outside MIT:

Harvard Student Travel Association (8 Holyoke, Camb., 495-5230). They have a lot of international, especially European, travel information and trips. They can provide student passes and discounts, which need an International Student ID.

There is nothing which has yet been contrived by man by which so much happiness is produced as by a good tavern or inn.

— Samuel Johnson


AIR

Media

A closed mouth gathers no foot.

— Jack Mosinger

Radio

Boston is one of the largest radio markets in the country. The programming offered by the commercial stations is similar to what you'll find in most cities, featuring mostly rock, pop, Top 40, and Muzak. On the other hand, Boston also has a large number of public network and college stations featuring no commercials and music not played by most commercial stations (jazz, classical, folk, etc.) WGBH is the local public outlet. Eight college stations are listed here, mostly at the low end of the FM dial. WMBR (MIT), WHRB (Harvard), WBUR (BU), and WERS (Emerson) are the most easily received on campus.

The MIT radio station, **WMBR** broadcasts on 88.1 FM to the entire Boston area. Monthly schedules are sent out free upon request (x3-4000).

If Boston's stations don't satisfy you, or if you are homesick, you can listen to numerous out-of-town AM stations at night. Continuous news can be heard on WCBS (880 kHz) and WINS (1010) from New York, or WBBM (780) from Chicago. Top 40 rock booms in on WPTR (1540) from Albany, on WABC (770) from New York, and slightly less regularly on WLS (890) from Chicago. Excellent classical music programming is on WQXR (1560) in New York. Numerous other clear channels around the US and Canada can be heard at night; most of the powerful stations are between 640 and 900kHz, 990 and 1220kHz, and 1500 and 1580kHz. Reception, however, is irregular at best. Incidentally, WBZ-AM (Boston) can be heard in 38 states at night.

Selected AM Stations

In the following listing the format is:
Call letters — (Frequency in kHz) (Affiliation/Location)
* - strong signal in Cambridge
\# - weak signal in Cambridge

***WEEI** — (590) (CBS/Boston) All news 5am-10pm; mystery, sports, and talk all night, no music.

***WRKO** — (680) (RKO General/Boston) All talk radio.

WCAS — (740) (Cambridge) Soul. Daytime only.

#**WHDH** — (850) (Boston) Country and Western.

***WROL** — (950) Religious music, some popular.

***WBZ** — (1030) (Westinghouse/Boston) Popular music, talk shows, Patriots, Celtics, BC football, Bruins.

***WILD** — (1090) Soul music.

WHUE — (1150) Oldies.

WEZE — (1260) (ABC/Boston) Religious.

WJDA — (1300) (Quincy) Dentist-office music.

WDLW — (1330) (Waltham) Big Band music.

WLYN — (1360) (ABC/Lynn) Jazz.

***WXKS** — (1430) (Medford) E-Z.

***WITS** — (1510) (NBC/Boston) Talk, news, and sports. Red Sox.

WNTN — (1550) (Newton) Muzak.

WUNR — (1600) (Brookline) Ethnic programs, soul (midnight-3am).

Musick and women I cannot but give way to, whatever my business is.
— Samuel Pepys

FM Stations

Call letters — [Frequency in MHz (Stereo and 24 hours per day unless noted otherwise) Affiliation/Location]

* - Strong signal in Cambridge
\# - Weak signal in Cambridge

***WMBR** — [88.1 (21, mono) Studios at MIT/Cambridge] MIT's station is staffed by students and non-MIT people. Their studios are in the basement of Walker, their transmitter atop Eastgate, Cambridge's highest point. They play just about everything imaginable, from rock to Indian music. Live coverage of MIT events. Rock and new wave mornings, jazz afternoons. News, folk, and disco at various times. Call x3-4000 or dl6731 for a program guide. Requests can be called into dl6731 or 494-8810.

***WERS** — [88.9 20, mono], Emerson College/Boston] Good jazz in afternoon, classical in evening, country, folk, rock. Program guide available.

***WGBH** — [89.7 Eastern Public Radio/Boston] Classical on mornings and weekends, jazz all night. Live music (BSO, Tanglewood concerts, and New England Conservatory) and good tapes (BBC; CBC; organ recitals). Poetry, literature, public affairs. Program guide available.

WZBC — [90.3 (mono) Boston College/Newton] Country, folk, bluegrass, rock, modern classical.

***WBUR** — [90.9 (18) Studios at Boston U/Boston] Boston's jazz station. Jazz in the morning and late evening with classical in the afternoon. Excellent public affairs programming in the early evening. Strong signal; can be received on amplifiers in Back Bay. (Your local EE wizard could cure it with a "tuned trap" if it becomes a problem.) Program guide available.

#WMFO — [91.5 Tufts U/Medford] Rock, blues, jazz, carribbean, modern classical.

#WRBB — [91.7 (12) Northeastern U/Boston] Rock, fusion, some sports.

#WPRO — [92.3 Providence] Rock. Truly obnoxious DJ's.

#WHAV — [92.5 (18) Haverhill] EZ.

***WBOS** — [92.9 (19) Brookline] Softrock. Comedy Sunday, 12M-2am, if you can stand all the commercials.

WSNE — [93.3 Providence] Contempory, soft rock, oldies, and some top 40. Less commercial than WROR. Occasional NBC info.

***WCGY** — [93.7 Lawrence] Blues, rock, oldies.

***WCOZ** — [94.5] Rock, and some new wave, mostly albums. "Kick-ass Rock & Roll." Dr. Demento Sunday nites. This and WBCN are the two "biggies."

***WHRB** — [95.3 (18, mono) Harvard U/Cambridge] Jazz, classical, folk, rock. Features outstanding "music orgies" during Harvard reading periods (January and May). Few, low-key commercials. For program guide, call 495-4818.

##WATD — [95.9 (mono) Marshfield] Contemporary music. Readings for the blind on subcarrier channel.

***WJIB** — [96.9 GE/Boston] Muzak. Very clean signal.

WMYS — [98.0] Rock, softrock.

***WROR** — [98.5 RKO General/Boston] Rock, oldies, and some softrock, little non-vocal music. News on most hours, traffic during rush. Exclusively oldies Saturday nite, followed by Wolfman Jack.

WPLM — [99.1 (19) Plymouth] Music of 40's, big band.

***WSSH** — [99.5 Lowell] EZ background.

***WHUE** — [100.7 Boston] Muzak.

WLYN — [101.7 (18) ABC/Lynn] Rock, variety.

WCRB — [102.5 ABC/Waltham] The only full-time classical station left. BSO, Pops, and Tanglewood concerts (often live) Friday-Sunday evenings. "WCRB Saturday Night" comedy show weekly about 10:30-12:30am, then jazz 'til 8am. Few commercials 1am-6am any day. Sometimes simulcasts with WGBH-TV.

***WEEI** — [103.3 (19) CBS/Boston] Softrock, jazz, public affairs.

***WBCN** — [104.1 Boston] Rock, but a wider variety than WCOZ, including more new wave, some carribbean at odd times. Home of Duane Glasscock, the world's first DJ clone.

#**WPJB** — [105.1 (19) Providence] EZ during day. Classical evening programs.

***WVBF** — [105.7 Framingham] Rock. DJ's and commercials can be obnoxious at times.

***WMJX** — [106.7] Softrock, EZ.

WAAF — [107.3 ABC/Worcester] Rock, Dr. Demento. Few commercials. Often plays uninterrupted albums.

***WXKS** — [107.9 Medford] Disco, some rock, Oldies.

I hate quotations. Tell me what you know.

— Ralph Waldo Emerson

Television

I am the product of experimental error.

— Steve Gross

Clear reception of all Boston VHF channels is very difficult to achieve on campus, thanks to ghosts bouncing off the Muddy Charles. Channel 7 (CBS) is the only local station easily received without multiple images. If you're seeing double on the other networks, you can try one of the more distant stations listed below; they may be a little fuzzy but will be ghost-free. For the final solution, see Campus Television, below.

TV Stations

Call letters — [Channel/Affiliation/Location]

* Available on MIT Cable.

***WGBH** — [2/PBS/Boston] Public TV. Films, documentaries, BSO concerts, experimental programs, public affairs. High quality programming, no commercials. Participates in TV-radio simulcasts with WCRB-FM. They produce much of the nationwide programming seen on other public stations.

***WBZ** — [4/NBC/Boston] Standard NBC fare. All night.

***WCVB** — [5/ABC/Boston] Standard ABC fare, some public interest programming. All night programming.

WTEV — [6/CBS/New Bedford MA] Standard CBS fare. All night, some Sox.

WNEZ — [7/CBS/Boston] CBS plus a bit.

WMUR — [9/ABC/Manchester NH] Standard ABC fare, old movies.

WJAR — [10/NBC/Providence RI] Standard NBC fare.

WENH — [11/Durham NH] Public TV, New Hampshire style.

WPRI — [12/ABC/Providence RI] Standard ABC fare.

***WXME** — [25/Boston] *Old* reruns, religious programs.

WSMW — [27/Worcester MA] Movies, reruns, old movies, Celtics. Scrambled pay TV at night.

***WSBK** — [38/Boston] Movies, reruns, sports, some CBS shows, Bruins, Red Sox. Independent Network News, 10pm nightly.

***WGBX** — [44/PBS/Boston] Educational, medical, science reports, experimental programming, language instruction. Associated with WGBH. If you missed a program on Channel 2, try 44 — it may have the same thing a few days later.

***WLVI** — [56/Cambridge] Reruns, old movies. Creature Feature, Chiller Theater and Sherlock Holmes movies every Saturday night. Star Trek.

They say TV really is still in its infancy, which explains why you have to get up so much to change it.

— Anonymous

Campus Television

MIT has a 26 channel cable with cable drops in some dormitories, lobbies 7 & 10, and various other locations. The control center is located in the basement of building 9.

Student productions are aired on channels 8, 10 and 12. In the past they have included live and taped lectures, foreign and classic films, student projects, and rebroadcasts of commercial (usually news) programs. Earthshaking developments that the networks are carrying (Space Shuttle, assassinations) are routed to the lobby monitors.

MIT-TV also relays Boston commercial channels 24 hours a day. By purchasing a converter and connecting it to a cable outlet, you can receive all the MIT channels and perfect reception of all stations marked with an * above. The converter costs no more than an antenna rotor system.

Newspapers

Newspapers always excite curiousity. No one lays down without a feeling of disappointment.

— Charles Lamb

The three daily Boston newspapers are **The Boston Globe**, **The Boston Herald-American**, and **The Christian Science Monitor**. The **Globe** is a liberal, Democratic newspaper. It is a local paper trying to become a national one, but it has a great sports section, and the "Thursday" section (on Thursdays) has a fairly complete schedule of events and things to do around Boston.

The **Herald-American**, a Hearst product, is fond of banner headlines, and tends toward sensationalism. The **Christian Science Monitor** prints news and analysis, generally of high quality, and has the most intelligent editorials of the Boston dailies. It is aimed at a national audience and is weak on local news.

The Boston Phoenix is a local example of the "alternative" press. It regularly publishes "muck-raking" articles about world, national, and local affairs. Reviews of entertainment products and programs, complete listings of the week's events, and some incredible classified ads are also featured. A free college market version, called **B.A.D.** is distributed on the MIT campus in front of the Tech Coop on Tuesdays. It has excellent listings of events about Boston.

The **Cambridge Chronicle** and other smaller weekly publications are oriented toward local communities. There are some foreign language weeklies for minority groups in Boston.

Finally, several political groups have weekly papers which they are continuously hawking. These are often quite biased and polemical, but make interesting reading and occasionally break stories before the regular newspapers do. They sometimes ask for a donation, occasionally in an intimidating manner. The best response is often to give the paper back.

Another damned thick square book! Always scribble, scribble, scribble! Eh, Mr.Gibbon?

— William Henry, Duke of Gloucester

Agnomical — (ag - nom - i - kal) adj. — Purposeless, aimless, without fixed intention, with no set course, pertaining to the absense of any clear direction.

— Johnson O'connor English Vocabulary Builder

On Campus

There are three student newspapers published at MIT. **The Tech** (W20-483,x3-1541) has news, sports, commentary, and arts reviews (mostly punk and new wave), and is distributed on campus Tuesdays and Fridays during the school year. It had a century of continuous news service in 1981. *The Tech Index*, a topic and person index of articles that have appeared in *The Tech*, is available for use by the MIT community. **The Link** (Walker Memorial) is a "radical" paper printing "alternative" news. Founded in the spirit of the 60's, it publishes occasionally. **Ergo** (W20-443,dl5-9181), puts forth the objectivist philosophy, and is distributed each Wednesday at MIT, BU, Tufts, and Harvard. All these papers are given out free on campus, and will accept letters, articles and advertising.

Tech Talk, the MIT house organ, is distributed free on campus every Wednesday. It includes a calendar of the week's events and listings of seminars, feature articles, classified ads, and a listing of available MIT jobs. Ads are accepted from the entire MIT community. Articles of general interest are sometimes accepted.

The student literary magazine **Rune** comes out at varying intervals, and is sold in the lobby of Building 10. The yearbook, **Technique** (W20-451,x3-2980), is published each spring. It costs less if you buy it in advance.

The writer is an engineer of the human soul.

— Stalin



Shopping

You can probably buy whatever you need here in Boston. However, Boston has the dubious distinction of having the *highest* cost of living in the continental United States. In addition, Massachusetts (Taxachusetts) hits you with a 5% sales tax on everything except clothing, textbooks, and unprepared food. Therein lie your troubles.

Student discounts are available through the **SAVES** program sponsored by the Undergraduate Association(W20-401,x3-2696). Check with them for details.

Shopping Districts

Classy, exotic, and youth-oriented stores tend to cluster in Harvard Square, at Quincy Market Place and in Boston's Back Bay. Lower prices and more pedestrian merchandise can be found in Central Square and Coolidge Corner in Brookline.

The intersection of Winter and Washington Streets is at the center of Boston's shopping district. On one corner is Filene's, another Jordan Marsh, the third The Corner (a collection of specialty and fast food shops jammed into the Gilchrist Building) and on the fourth is the Washington subway stop.

Chinatown is found on Essex and Beech Streets, near the MBTA Essex subway station. The Italian North End is a large, exciting area across an expressway from the MBTA Haymarket station. Portuguese and Italian specialties and the best bargains in town are found in East Cambridge along the route of the 69 bus from Lechmere to Harvard Square.

Numerous shopping centers, located along Routes 9 and 128, offer branches of Boston's downtown stores, dime stores, drugstores, and gift shops. The Burlington Mall, Chestnut Hill Mall, Natick Mall, and North Shore and South Shore shopping centers are the largest. Although far from MIT, they offer the convenience of one-stop shopping and easily available parking.

The Coop

The Coop (pronounced "coop" as in chicken) has stores at Harvard Square, the MIT Student Center, Harvard Business and Law Schools, and the Children's Hospital Medical Center. It is a department store which specializes in books and clothing, and is ostensibly operated for the benefit of its members. If you are a Coop member (and almost everyone here is), a percentage (about 8%) of your purchase expenditures is refunded in October of the following year. The rebate for charge purchases is the same as that for cash. **Note:** Cash is much quicker for small purchases and checks are the slowest for any purchase.

Newcomers: Coop membership costs $1 per year and entitles you to a rebate and qualifies you for charging privileges. Go to the Customer Service desk at the rear of the store to pick up an application form.

Under new management, the Coop is gradually improving. Last year the rebate rate was 8.8%. More frequent record sales, groceries in the Lobby Shop, and lower-priced clothes were all introduced in response to student suggestions. Other innovations include weekly outdoor sales (in nice weather, Fridays at the MIT store, Saturdays at Harvard Square) and a larger poster department at Harvard Square.

The Coop has cooperative arrangements with the following services; purchases made here by members can be charged on a Coop card and apply toward the member's rebate.

Medical Center Pharmacy and Surgical Supply (319LongwoodAvBrookline, 566-1414).

The object of the Technology Store is to reduce the cost of living at Technology. It exists only for that purpose. . . [Last year, the dividends] amounted to over $133,200 — this at the rate of 10% on charge purchases, and 12% on cash.

— MIT Handbook, 1943

Department Stores

Boston has department stores downtown on Washington St. The prominent ones are **Jordan Marsh** (450WashingtonSt,221-3131), **Filene's** (426WashingtonSt,357-2978) and **Saks Fifth Avenue** (PruCtr,262-8500). The world's largest **Woolworth's** is also in downtown Boston (350WashingtonSt,357-5353). To get to the downtown stores, take the MBTA Red Line to Washington. Check the Yellow Pages for details on suburban branches of the above stores. A special feature of Filene's and Jordan Marsh is their bargain basements. Both bargain basements have other bargains besides clothes. It is an excellent place to buy towels and curtains inexpensively (see **Clothing**). Also downtown is **Sherman's** (11BromfieldSt.,482-9610). They are a "fine discount store." They sell jewelry, calculators, large and small appliances, and luggage. They are very courteous and friendly.

The Corner (downtown Boston on Washington St.) is a cross between Quincy Market and The Garage. There are food shops with a communal eating area and downstairs are clothes, shoes, and plant stores. It is on the expensive side.

Sears (1015MassAvCambridge,nearPorterSquare,868-7050) is not as inexpensive as one might expect, and the usual Sears quality is there (interpret as you wish). There is a catalog order warehouse store (201BrooklineAvBoston,536-7350), which can save you money, but Sears is very tightfisted with copies of its catalogs. There are also numerous Sears in the suburbs, check the telephone directory.

Lechmere Sales (88FirstGardenStCambridge,491-2000) is Boston's best discount store and often has good buys on housewares and small appliances. Take the MBTA Green Line to Lechmere, or walk.

The Garage (BoylstonStHarvardSqCambridge) is not strictly a department store, but a collection of individual specialty shops under one roof. Quality is excellent, prices are high and salespeople are obnoxious.

Quincy Market (about two blocks from Haymarket) is a collection of very high-priced food and specialty shops located in Boston's restored Colonial market-place. It's a great place to browse, but you wouldn't want to spend your money there.

Goodwill Industries (95BerkeleyStBoston,357-9710,1116MassAvCambridge,492-2999,other suburban branches) and the **Salvation Army Thrift Stores** (718MassAvCambridge,354-9159,other branches) sell used clothing and furniture. Goodwill's Cambridge store seems to know that it caters to a captive student population and tends to be overpriced.

Note: In general, large stores in downtown Boston are open late Monday and Wednesday evenings. Stores in Cambridge are open Thursday evenings. Lechmere Sales and Sears are open every evening. Some stores are aberrant, so it's best to call for information on hours.

Appliances

You should normally get advice from a knowledgeable person or organization before making a major purchase. The *Buying Guide Issue of Consumer Reports* provides pretty good comparative test results on various items. The magazine *Consumer Reports* is also useful, though it may be hard to find articles regarding the product you are thinking of buying. Both publications can be bought in the Coop or read in the Humanities Library.

Lechmere Sales in East Cambridge offers across-the-board discounts on all sorts of items. Other good places are **Luggage Distributors** (333WashingtonStBoston) owned by Sherman's, **Commonwealth Builders Supply Inc.** (375Boylston,Brookline), and **Sears**. The **Jordan Marsh** warehouse has monthly sales, watch the newspaper ads.

Note:

Wherever you shop, find out if students get discount rates. They often do, but you won't get them unless you ask for them.

American electrical equipment is made for 110-120 volts at 60 cycles per second. Such equipment cannot be used in other parts of the world where the electrical characteristics (voltage, frequency) are different, without modifying equipment. So be careful about taking your equipment out of the country. The same holds for foreign electrical equipment brought here.

All appliances should be checked for Underwriters Laboratories (UL) certification, which guarantees that they are electrically safe.

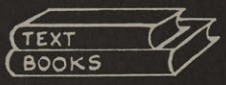
Books

Textbooks

New textbooks can almost always be found at the **Tech Coop**. However, if you want to save money, check around for used texts. First, try people you know who have taken the course for which you want the book. After that try the **APO Book Exchange** (held in Lobby 10 at the beginning of the fall and spring terms), the **TCA Book Exchange** (all

Consider the Coop. For a century the Coop has met the needs of students with a high standard of excellence, value and service. You can depend on the Coop's 20+ departments and friendly, professional staff for all your practicalities.

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to  ,  to calculators,  to  ,

the Coop is a store full of wonderful considerations all centered around you, your lifestyle, and your needs. Become a member of the Coop and enjoy our membership privileges like rebates  at the end of the year. Come to the Coop —largest collegiate store in the  —where you're considered all the time.

HARVARD COOPERATIVE SOCIETY

MIT STUDENT CENTER

the Coop

A Century of Service 1882-1982

year round, in the TCA Office W20-450), or check the bulletin boards for ads, especially after the end of a term. If you are really energetic (and particularly if you are looking for something that might be a text used at Harvard, e.g. humanities), check the **Harvard Book Store** and **The Bookcase** near Harvard Square. The Tech Coop occasionally has a few used texts.

New Books

Barnes and Noble (395WashingtonSt;603BoylstonStBoston) Fantastic discounts on dealer overstocks and seconds. Check them for textbooks.

Harvard Bookstore (1248MassAvCambridge,HarvardSq for used books, 1256MassAv for new books) Large selection of paperbacks and hardbounds. Many used texts and used paperbacks at half price. The store actually has two entrances; one for new books and one for used books.

Harvard Coop (1400MassAvCambridge,HarvardSq) Large selection of everything. "Boston's biggest bookstore."

Lauriat's (30FranklinStBoston) Good selection of hardbounds, moderate number of paperbacks, some used books.

New England Mobile Book Fair (82NeedhamStNewton) Excellent selection of hardbacks and paperbacks at a 20% discount. If you can get there, this is a place to go to for an experience.

Paperback Booksmith (25BrattleSt, HarvardSq; 753BoylstonStBoston) Large selection of paperbacks, open late and Sundays.

Reading International (47BrattleSt,HarvardSq) Good selection of paperbacks and magazines.

Temple Bar Bookshop (9BoylstonSt.,HarvardSq) Specialized paperbacks and hardbounds, emphasis on arts religion, and philosophy.

Wordsworth (30BrattleStHarvardSq) Large selection of paperbacks, all at 10% off, moderate selection of hardcovers at 15% off.

Wordsworth/2 (1100MassAvHarvardSq) 50% off all books, mostly overstocks and seconds.

Used Books

The Bookcase (42ChurchStCambridge,HarvardSq) Huge selection of used paperbacks and texts.

Brattle Book Shop (25WestStBoston) A used-book lover's heaven. Over 350,000 books. Highly recommended. Just visiting it is an experience. If George Gloss doesn't have it, it probably wasn't published.

Goodspeed's (2MilkStBoston,7BeaconStBoston) Good bargain tables; otherwise overpriced.

Pangloss Book Store (1284MassAvCambridge,HarvardSq) Lots of used hardbounds, with large bargain tables downstairs.

Starr Book Co. (186SouthStBoston) Great selection of used hardbounds, reasonably priced. Highly recommended.

Starr Book Shop (29PlymptonStCambridge) Great selection of used hardbounds.

See also: Harvard Bookstore and **Lauriat's** under **New Books.**

Specialty Shops

Asian Books (12ArrowStCambridge,HarvardSq) Just books on Asia.

Grolier (6PlymptonStCambridge,HarvardSq) Poetry, small press books.

Harvard Press (1135MassAvCambridge,HarvardSq) Harvard Press books.

Mandrake Bookstore (8StoryStCambridge,HarvardSq) Specializes in art, architecture, and philosophy books.

MIT Press Bookstore (MainStKendallSq) MIT Press Books.

New Words Bookstore (186HampshireSt,Cambridge) Women's books.

Schoenhof's (1280MassAvCambridge,HarvardSq) Foreign books, prints.

Science Fantasy Bookstore (18EliotStCambridge) Need we say more?

Thomas More (1300MassAvCambridge) Harvard Press books.

Building Supplies

If you are building a full scale model of the *Enterprise*, check with the Hobby Shop (W31,x3-4343). They purportedly have some special arrangements with lumber yards that are normally wholesale only. Conversely, **Central Square Hardware** (453MassAvCambridge) sells scrap lumber for very modest ventures. If your needs fall somewhere in between, read on.

Sterritt Lumber (50AlbanyStCambridge, across the railroad tracks from the Institute power plant,547-0040) is the only lumber yard within walking (and carrying) distance of MIT, and it is *expensive*. They deliver for $3, or free for orders over $50. **Cambridge Lumber and Supply** (135HarveyStCambridge,876-4460) is farther away, but has better prices. **Somerville Lumber and Supply** (779McGrathHwy Somerville, 623-2800) has an enormous selection of lumber and hardware, the best prices of the places listed here, and is farthest away. They deliver free for most purchases. **Boulter Plywood** (24BroadwaySomerville,666-1340) has slightly higher prices, but they take great care in precision cutting, and, unlike most places, they will cut particle board. **Note:** As a



Kendall Drugs

Your MIT Community Drugstore

offers MIT Students and Personnel

- Authorized Photo Patio film processing dealer
- Top Quality Brand Names
- Registered Pharmacist on duty at all times
- Friendly, courteous salesclerks
- Complete line of approved Generics
- 10% discount on our already low prescription prices
- Featuring our newly remodeled Hallmark Card Shop

Hair Products ● Magazines ● *Maybelline* ● Newspapers ● *Charles of the Ritz*
Chaz for Men ● *Fanny Farmers* ● **L'eggs** ● Office and School Supplies
Bonnie Bell ● **Men's After Shave and Colognes** ● Revlon ● *Chanel*
L'Erin ● Hudson Vitamins ● Laundry and Paper Products ● Film



Kendall Drugs

238 Main Street Kendall Square

Cambridge, Massachusetts 492-7790

rule, lumber prices decrease exponentially with increasing distance from MIT, and prices in the suburbs may run as low as one-sixth the levels in Cambridge.

Simpson Inc. (300SidneyStCambridge,547-8921) is a convenient source of bricks and cinder blocks as well as other materials.

Calculators

Hewlett-Packard and Texas Instruments are the most popular brands. However, unless you are buying a programmable, state-of-the-art calculator, you can usually do better with a Casio, Omron, Corvus, or Novus. The Coop offers a good selection and reasonable prices. However, **Lechmere Sales**, **Jordan Marsh**, and other department stores are frequently cheaper, so be sure to shop around. **Markline** (1FederalStBoston) is a discount store that sells only calculators. *Tech Talk* and the Institute bulletin boards frequently have ads for second hand calculators at giveaway prices.

Chess Supplies

The **Boston Chess Studio** (335NewburyStBoston,267-4077) reputedly has good supplies and helpful clerks.

Clothing

Boston's better clothing stores are along Boylston St. from the Prudential Center to the Public Gardens. Women's apparel can be found in **Bonwit Teller** (in what was an MIT building many years ago), **Sak's Fifth Avenue**, **Lord and Taylor**, and some of the smaller shops on Boylston and Newbury Streets. Men's stores include **Brooks Brothers** on Newbury St. and **Louis** of Boylston Street for elegant clothing, and the **Crimson Shop** on Mass Ave. in Harvard Square for classy styles.

Clothes are sold at the large department stores downtown, including **Filene's**, **Jordan Marsh**, and **Kennedy's**. Filene's is famous for its bargain basement, where things get sent after not being sold in the store upstairs, or elsewhere. Every week, the price is reduced by a quarter of the original price (they're given away after a month). The items sold here are often irregulars and seconds (merchandise defective in some way, often so minor you would never notice it). On busy shopping days, the crowds resemble a medium-sized riot, and inhibitions disappear as people try things on in the aisles. It's worth visiting, if only for the laughs. If you shop there, be careful that what you buy isn't beyond repair, such as pants missing a zipper or something like that. Sales on a few items are final. Jordan Marsh also has a bargain basement, though it is not nearly as rowdy as Filene's. **Note:** Be sure you know where the irregularity is before you leave the store. Often, it will be minor but it is best to know for sure before wearing the item.

The shops on Charles St. at the foot of Beacon Hill, and those near Harvard Square offer far-out styles. Sports and work clothes, along with Levis and pea jackets, are available at the many Army-Navy stores dotting the landscape (cheap, but watch out for poor quality).

It is hard to be truly excellent, four square in hand and foot and mind, formed without blemish.

— Simonides (556BC — ?)

Also, many stores in the Central Square area have clothes at cheaper prices than other areas. A few are **Adam & Eve**, **Corcoran's**, **Fashion Ave.**, and **The Cambridge Trading Co.**

Sears has a surplus clothing store in Boston (401ParkDr,near FenwayPark) and their department store in Cambridge also sells clothes. **Central War Surplus** (433Mass-AveCentralSqCambridge) has good prices on blue jeans and work clothes. **Dazzle** (11-23BoylstonStHvdSqCambridge) has punk and thirties clothes, as do **High Society** and **Forever Flamingo** on NewburySt,Boston. A few new punk stores have opened on MassAv just before Harvard Square.

The **Harvard Coop** has stores at Harvard Square and MIT which sell clothing and much else. Clothing quality is generally very good, and the prices are correspondingly high. The Coop also has low-priced lines, but as elsewhere, make sure you don't get stuck with something shoddy.

Cutlery

If you crave an interesting piece of cutlery, or simply a good carving knife, **Stoddard's** (50TemplePlBoston,426-4187) is the place to go. Also, try **Market Grinding Service** (70NewburySqRoxbury,427-8138).

Drug Stores

Kendall Drugs, located right in Kendall Square, gives discounts to MIT personnel on prescription, and sometimes runs discount coupon ads in the campus newspapers. **Medi Mart**, which is located next to Stop and Shop, has very good prescription prices and most everything one would want in a drug store. **Pharmacity** is up in Central Square near to Purity Supreme, it also has a large selection of items. Also in Central Sq. is the **Friendly Family Center** (579MassAv) It is very much like a Woolworth's and has a large drug store section. **College House Pharmacy** is just the other side of the Harvard Bridge in Boston. **Phillips Drug** (155CharlesStBoston) is open 24 hours a day, every day.

Duplicating Services

There are hundreds of printers in Boston, and a Xerox machine in every 5&10¢ store. The places listed below are those closest to MIT. On large jobs, some shopping around is wise. On very large ones you should seek out someone knowledgeable for advice (LSC and *The Tech* are among people you could talk to). See the section on **Facilities** for on-campus printing and copying.

Copy Cop (815BoylstonStBoston,267-9267) Best on exotic items: oversized and colored xeroxes, xerox reductions, copying color slides. Competent instant printing and bindery.

Gnomon Copy (245MassAvCam&3stores inHrvdSq,492-2222) Probably the most prolific copy service in the world, with rates to match. Gnomon Press, the instant printing division gives 2-3 day turnaround at prices that usually beat do-it-yourself at LSC (the quality isn't perfect, though).

Photo Print (895MainStCam,876-6098) Opposite the Shell station up Mass Ave. Full service printer and copy center.

Spaulding Co (251VassarStCam,491-1230) Across the street from Briggs Field (branches throughout Boston). Complete printing and copying facilities.

C W Beane Copy Center (315MassAvCambridge,491-6869). Five blocks from MIT, offering photostat and some offset printing.

Electronics

Undoubtedly the most interesting local electronics supply store is **Eli Heffron and Sons** (139HampshireStCambridge,547-4005). They have a constantly-changing inventory of surplus devices, parts, conponents, and junk; especially the latter. Bargaining is in order on the more expensive items.

If you want something which is more likely to work and to meet specs, you can go to **Lafayette Radio Electronics** (1048CommAvBrookline,267-8900) or **Radio Shack** (551MassAv,730CommAvBoston,734-5855), which is usually out of whatever you need, The **Electronics Research Society** (20B-119,x3-2060) has a large selection of parts for members at reasonably cheap prices. Call them for details on membership.

Fabrics

Cloth sellers near MIT include **Rachel's Fabrics** (493MassAveCambridge), **Singer Sewing Center** (576MassAveCambridge), and **Corcoran's** (615MassAveCambridge). Of these, Rachel's has the lowest prices and most friendly salespeople.

You can buy fabric at wholesale prices in the fabric district (MBTA:Essex), but you should know what you're doing if you shop there. Good places to try are **Windmill Fabrics** (111ChauncySt) for polyesters and drapery material, **Northend Fabrics** (31-HarrisonAv) open on Thursdays, Fridays, and Saturdays, for most fabric needs, and **New England Textile** (50EssexSt) for cottons and linens. **Windsor Button Shop** (36ChauncySt) is great for embroidery and quilting equipment, trims, lace, and all sorts of accessories.

Flags

The Flag Center (2267MassAvCambridge,876-1040) is supposedly the largest flag store in New England. Incredible number of flags in stock and they can make custom designs on short order.

Florists

Mr. Ray's Florist (403MassAveCambridge) is an expensive florist just four blocks north of MIT. You would do better, however, to walk further up Mass. Ave. to **Central Florist** in Central Square, which is friendly and relatively inexpensive. **Galgay the Florist** (757MassAveCambridge) is fancier and more expensive. If all you want is a simple, inexpensive bouquet try the flower stand near the **Kendall Square** subway entrance. Be careful, though — flowers are sometimes wilted there. Harvard Square's lush **Brattle Street Florist** (31BrattleStCambridge) never has an imperfect flower—if you can find one, they'll probably give it to you for half price. If you need an FTD florist,

try **Kupersmith Florist** (8BrattleStHarvardSq). **Fanueil Hall Flower Market** in Quincy Market, near MBTA Haymarket, is open 24 hours every day. They have a very large selection of fresh plants and flowers. Prices are higher than the other places but the flowers are of higher quality.

Food

The closest grocery stores to MIT are **Purity Supreme** in Central Square, **Stop and Shop** on Memorial Drive near the BU Bridge and in Charles River Plaza in Boston near the Longfellow Bridge.

'The Bus, a service provided by TCA, runs to Stop and Shop on Memorial Drive every Saturday betweeen 9-5. This has made Stop and Shop very popular with MIT students. You always see someone there whom you know. On campus, small grocery stores are operated by the residents of Eastgate and Westgate apartments. The Westgate and Eastgate stores are open to the public seven days a week. The **Coop Lobby Shop** also has a few items. Prices here, however, are usually higher than at the large supermarkets, and the selection is very limited.

There are three big chain supermarkets in the area: **Stop and Shop**, **Star Market**, and **Purity Supreme**. Competition among them is keen, and if you live near several of them, you should consult the newspapers for the weekly specials. If you want to cut costs you should be attuned to the likelihood that the supermarket down the road will sometimes sell meat more cheaply than the one across the street, though vegetable prices may be better at the latter. Stop and Shop and Star Market have the advantage of staying open late on evenings; check **Late-Night Shopping** for info. Certain Stop and Shop stores have delivery service (the one on Memorial Drive doesn't) and Star Market delivers but not to Cambridge. Most chain stores will cash personal or payroll checks once you get a courtesy card from their customer service desks, a process which takes about three weeks. There is often a trivial charge (20 or 25 cents per check) for this service. Stores have different limits on personal checks they will cash, the average being about $35, not more than once a week. The limit on paychecks often runs quite a bit higher.

Small grocery stores are distributed throughout residential areas. They are often higher-priced than big stores. The service and quality start at adequate and can build impressively as you get to know the owners. Some stay open until odd hours (11 pm or even later) and many are open on Sundays. Quite a few of them deliver on telephone orders, a useful feature for dormitory groups and large apartments.

Cooperatives

Cooperatives have been springing up all over the area. The basic idea is that a group of people can pool their food orders and buy things wholesale in order to cut costs. Many of the larger cooperatives are block cooperatives, though there are some that are larger still, and some that operate out of churches or community centers. Ask around among your neighbors if you want to get into one. The **Cambridge Food Coop** (MassAvCambridge,661-1580), located several doors in the MIT direction from Purity Supreme in Central Square, has been operating for several years. The **Boston Food Coop** (449CambridgeStAllston) is nonprofit and member operated, with a full line of food (meats, cheese, veggies, etc). They also feature craft fairs, a free clothing exchange, and nutritional info.

Haymarket Open-Air Market

There is an open-air market in the Dock Square area of Boston, next to the Haymarket MBTA station and immediately north of Faneuil Hall. A few merchants operate there all week (except Sunday). Friday and Saturday, the place is jammed with people. Fresh fruits and vegetables can be bought there very cheaply, especially if you get to know one or two merchants well.

Advice:

Prices vary from booth to booth. The general rush makes moving from place to place extremely difficult, so comparison shopping is a tough job. In general, the booths on the fringes of the area will have higher prices because they can count on receiving business from those not hardy enough to wade in the general fray.

Quality can be wonderful, as will become obvious when you see the beautiful displays of fruit and vegetables in the front of every cart. However, merchants normally pick your items from a big box or bag (or the back of the display), which does not necessarily contain food as good as that which is on display. So watch carefully and don't let him fill up your bag without seeing what's going in there. Be sure to check the merchandise before paying and walking away; often you can exchange bad produce.

There are wholesale-retail meat stores in the buildings alongside the market, in Quincy Market and around Faneuil Hall, which sell at very low prices. But don't have unreasonable expectations; the things selling for 49 cents a pound are *not* filet mignon. Once you build up a relationship with some of the butchers, you can get excellent bargains, but until then you should watch what you're getting very carefully. If you want good meat you'll have to pay for it. During the summer, it is best to frequent the merchants with good refrigerated rooms.

There are also grocery, cheese, canned goods, leathercraft and other stores around the area. **Al Capone's** is an especially wonderful place to buy cheese of all sorts at low prices. It's at 72 Blackstone Street.

Watch your wallet or pocketbook. Pickpockets love crowds and are out in force on Fridays and Saturdays.

Haymarket is open from 6 to 6 on Fridays and Saturdays during the fall and winter. During the summer the hours get somewhat longer. The above hours are the official ones; merchants who haven't sold out by 6 sometimes hang on until 9, unless the weather is very bad. Prices get lower as closing hour approaches, but the advantage of shopping late is dubious since the merchandise is often poorer and has already been sitting out there for as much as 12 hours.

Haymarket offers prices at about half those of supermarkets, and is a very entertaining way to shop. If you can spare the time and effort and don't mind crowds, you should certainly get over there at least once to sample this holdover from colonial times.

Oats — A grain which in England is generally given to horses but in Scotland supports the people.

— Samuel Johnson

Foreign and Specialized Food

There are food markets in Boston catering to all ethnic, religious and socio-political tastes. The following descriptions provide a brief introduction to the facilities available.

For Chinese and Southeast Asian foods, go to Chinatown in Boston (MBTA:Essex); you'll find a complete selection of foods and spices, as well as cooking utensils. **Eastern Market** is the best place to communicate in English; it has good-quality food and a clean (if dull) atmosphere. For woks and other utensils try **Reginald Wong and Co.** (SouthSt,about two blocks from Chinatown).

Dozens of "Mom and Pop"-style groceries dot Chinatown's streets; they have all sorts of exotic goodies that Eastern Market lacks. Beware: some of these tiny stores aren't very big on cleanliness, and Asian food-packing companies often aren't too clean either.

Two of the many Greek and Middle Eastern stores are **Samos' Market** (2-21BroadwayBoston, in the South End) and **Tripolis Fruit Store** (133HarvardAvAllston). For Italian specialties you can try **A. Baldini & Co.** (27PortlandStBoston) or just wander into the North End of Boston (immediately east of Government Center) or up Cambridge St. in Cambridge. The North End has many pastry shops, and shops where you can get coffee beans, olives, and noodles. Two notable shops in the North End are **Dairy Fresh Candies** (57SalemStBoston), and **Trio'sRavioli Shoppe** (222HanoverStBoston). **Cardullo's Gourmet Shop** (6BrattleStCambridge, HarvardSq) has a good selection of Indian, Mexican, Scandinavian, Japanese and many European regional foods, but it is very expensive. **Savenor's Market** (92KirklandStCambridge) has a variety of interesting foods, including a good Jewish Challah.

Cheeses are available from a variety of stores including the one mentioned above under the open-air-market. The prices tend to run high. It is not unusual to pay $4.50 a pound and up for really interesting cheese. The best places to buy them are **The Cheese Shop** (102TremontStBoston), the **Wine and Cheese Cask** (407WashingtonStSomerville), Haymarket, and the North End of Boston. The worst places to buy them are the fancy shops around Harvard Square and other *haute couture* areas; the price differential is quite large.

Organic and natural foods can be purchased at several stores set up specifically for that purpose. The nearest one to MIT is **Lee Nutrition** (MainStKendallSq) natural rip-off joint, but has some "interesting" food! One great deal at Lee is their yogurt prices. Another place is **Nature Food Stores** (714MassAvCambridge, a block past CentralSq). **Erewhon Trading Company** (342NewburyStBoston, 1731MassAvCambridge) has a large selection with reasonable prices and sells grains and beans in bulk. **Boston Natural Food Co.** (154NewburyStBoston) is a good place for spices and canned "health foods," but not for grains. **Organic Food Cellar** (1050MassAvHarvardSq and 297aNewburyStBoston) has a good selection and reasonable prices. Other local stores are **Cambridge Health Foods** and **Cambridge Country Store**, both on MassAv in Cambridge past Harvard Square. Fresh vegetables are best purchased at Haymarket, and many local groceries have good stocks of vegetables, nuts and beans. There are also macrobiotic restaurants; some are listed in the **Out To Lunch** chapter. The Westgate store carries some natural foods.

Spices and herbs can be found at various locations in the regular supermarkets (such as Savenor's; see above), in the several foreign food stores, and at the nature and organic food stores. Two examples of the latter are **Attar** (31PutnamAvCambridge) and **Erewhon** (see above). Also, there are established spice and herb stores such as **Cambridge Country Store** (1759MassAvCambridge;588CommAvBoston;42-CharlesStBoston) or **G.S. Cheney and Co.** (7UnionStBoston).

Kosher foods are available from several locations, most of them on Harvard Ave. in Brookline. Ask at the Hillel Office (x3-2982) for specific information.

Fish can be found in the North End of Boston, notably at **Guiffre's Fish Market** (50SalemStBoston). **Folsom's Seafoods of Boston** (162MassAvBoston) has a large selection of very fresh fish and take-out fish plates. In Central Square, **Atlantic Seafood** has very high prices and quality only slightly better than neighboring Purity Supreme Supermarket. **Bill the Fishman** (ProspectStCentralSq) has excellent fresh fish and the lowest prices around. There are also fish vendors at **Haymarket** on Fridays and Saturdays.

Bakeries

Bakeries tend to cluster in ethnic areas. Italian ones can be found in Boston's North End and in Cambridge along Cambridge St. **Royal Pastry Shop** (738CambridgeSt-Cambridge) and other bakeries near there have delicious breads, cakes, and other goodies. Jewish bakeries are centered on Harvard Ave near Coolidge Corner in Brookline. Bakeries in Chinatown sell meat-filled pastries as well as sweets.

Bakeries in the Harvard Square area generally specialize in pastry. Of note are **Blacksmith House** (56BrattleSt), **Sage's Bakery Kitchen** (60ChurchSt), and the **Bagel Bin** (1105MassAv). **Baby Watson** (TheGarageBoylstonSt) specializes in overpriced cheesecake.

The closest places to buy fresh doughnuts are **Dunkin Donuts** (MassAvCentralSqCambridge), **Harvard Donut Shop** (CentralSq) and **Topp's Do-nuts** (795MainSt-Cambridge). The **24 Hour Coffeehouse** on the second floor of the Student Center sells donuts as well.

For a close place to buy cookies, **Grandma's Cookie Factory** (988MassAv) has many kinds of cookies baked fresh on the premises. **David's Cookies** (Brattle St,HarvardSq) has good (overpriced) cookies.

Groups of ten or more people can have bread delivered wholesale from **Genest** (395-8330), **La Ronga** (776-2832), **Quinzani** (426-2114), or **Green-Freedman** (269-4700).

Liquors, Beers and Wines

There are numerous liquor stores in the Boston area carrying the popular brands of beer and liquors along with some assortments of wine. Prices vary, but generally the larger stores have lower prices. Some grocery stores and most of the larger supermarkets also sell alcoholic beverages, notably **Purity Supreme** in Central Square and **Stop and Shop** near the BU Bridge.

In order to buy liquor in Massachusetts, you have to prove you're 20. The regulation is randomly enforced, but things get noticeably tighter around election time.

The following stores either have convenient locations or above average selections and service.

Berenson Liquor Markets (70SummerStBoston, one block south of Filene's,482-7272;1024BeaconStBrookline,277-7020;PrudentialConcourseBoston,536-4515). Knowledgeable salespeople. Credit cards accepted.

Brookline Liquor Mart (1354CommAvBrookline, 734-7700) offers a good selection of wines with low prices and helpful salespeople. Credit cards accepted.

Cave Atlantique (34BoylstonCambridge,492-1780) does its own importing, resulting in substantial savings on Spanish sherry and other selections.

Harvard Provision Company (94MountAuburnStCambridge,offHarvardSq,547-6684). Pretty good selection of all sorts of drinks. Free parking, free delivery, credit cards accepted. There is an ice machine outside operating 24 hours a day.

Harvard Wine and Liquor Co. (CoolidgeCornerBrookline,277-9000). A fine selection of wines. The proprietor is an old MIT grad with a thorough knowledge of wines, which he shares generously with bewildered novices. Credit cards accepted. The place is headquarters for wine-lovers' organizations.

Libby's Liquor Market (575MassAvCentralSqCambridge, 354-3678). Convenient location, reasonable selection. Good prices, sometimes undercuts Warehouse.

Martignetti's (1650Soldier'sFieldRoadExtensionBrighton,782-3700). The world's largest liquor store. A huge selection of anything ever fermented or distilled. Low prices, free parking.

Savenor's Liquor Mart (100KirklandStCambridge,547-7300). Good selection and knowledgable assistance. Credit cards *not* accepted, *no* delivery. Part of the Savenor's Supermarket complex.

Warehouse Liquors (45CommercialStCambridge,354-0488). The lowest prices in Massachusetts, generally.

Wine Cask (WashingtonStSomerville,nearInmanSq). Good selection of wine and cheese. Knowledgable and helpful salespeople.

Soft Drinks

You can order Coke, Fresca, Sprite, Tab, and Fanta (root beer, orange, ginger ale, and grape soda) from the **Coca-Cola Bottling Company** in Natick (782-9000). The minimum order for free delivery is 10 cases, not necessarily all the same beverages. Coke is available in 16 oz. bottles and 10oz. bottles; the others are available only in 10oz. bottles. When ordering, make sure you mention that it is for a dorm or living group; they don't deliver to individuals.

University Distributing Co. delivers Cott soda (547-5542). They stock many flavors, regular or diet, in cases of 32oz. and 10oz. bottles, and 16oz. cans. There is a minimum order for free delivery.

Pepsi-Cola and **Mountain Dew** (254-2400) can also be delivered, as well as **Canada Dry** (890-2200). **Hires Root Beer, Dr. Pepper, R.C. Cola**, and **7-Up** (444-3100)can be delivered in non-returnable bottles.

Framing

Frameworks (MassAvCambridge,nearPorterSq) is a do-it-yourself frame shop. They provide materials and advice; you do the work and save about half the cost of custom framing.

Furniture

There is a tremendous turnover of furniture in the Boston area, especially at the beginning of the summer. If you go about it right, you can furnish an apartment quite cheaply. You can also be assured of being able to resell once you finish with it.

In addition to the ever-present bulletin boards and *Tech Talk* classifieds check the **MIT Women's League's Furniture Exchange**. It's located at 25 Windsor St in Cambridge and is open Tuesdays and Thursdays from 10am to 2pm. They buy and sell used furniture. Call x3-4293 for more information. **Goodwill**, the **Salvation Army** and several stores near Porter Square also sell used furniture, though nowhere near as cheaply.

One option is to make what you need. Check the **Door Store** (940MassAvCambridge) for furniture components. **Ray's Foam Matress and Cushion Co.** (26A Otis St-Cambridge) and **Brighton Upholstering Co.** (201MsrO'BrienHwyCambridge) for foam rubber, and **Plywood Ranch** (107FirstStCambridge) for wood. (See also **Building Supplies**.)

Check the listings under Furniture, Furniture-rental, and Furniture-used in the *Yellow Pages* for listings of stores. Avoid stores that specialize in package deal, use high-pressure sales tactics, or have contracts including hidden costs. Be doubly cautious when renting furniture. Most rental firms are more expensive than is reasonable.

Haircutters

Prices for men's haircuts range from $5 for a ROTC cut at the **Tech Coop Barber** (StudentCenter basement) to $15 at one of the fancy salons on Newbury Street. Women's haircuts usually cost even more.

One place many MIT students swear by is **Image** over at 231NewburyStBoston. For $13.50 it supposedly cannot be beat. **Elias Hair Care**, just up Mass. Ave., is friendly and costs $12. Watch for their discount coupons in campus papers.

The Loft (143NewburyStBoston,262-5003 and 57BoylstonStHarvardSq,661-7660) has a cutting school one night per week, which offers professional styling for under $6. At all other times, The Loft is a super chic clip joint. **Ali's Hair Salon** (MassAvCentralSqCambridge) offers quality hair styling at $10, which is below the going rate. If you are daring, you might try **Mass. School of Barbering** (1254WashingtonStBoston), which is cheap ($4.00 for shampoo & cut), and often good.

Only a mediocre person is always at his best

— Somerset Maugham

Some other places are **Carmen's Barber Shop** (783MainStCambridge) and **Kendall Barber Shop** (MainStCambridge) next to the post office. They are inexpensive and do a fairly good job. **Bojack's LTD Hair** (56HighStBoston) is about $15 for a good haircut. **Diego at the Loft** (143NewburyStBoston,262-5003) is expensive ($18 or more) but is a very good haircutting location. **Harrington's** is another good place at slightly expensive rates located on Newbury St. **John Dellaria Salons** (33NewburyStBoston;623-CommAvKenmoreSq) is expensive but gives a reliable hair cut.

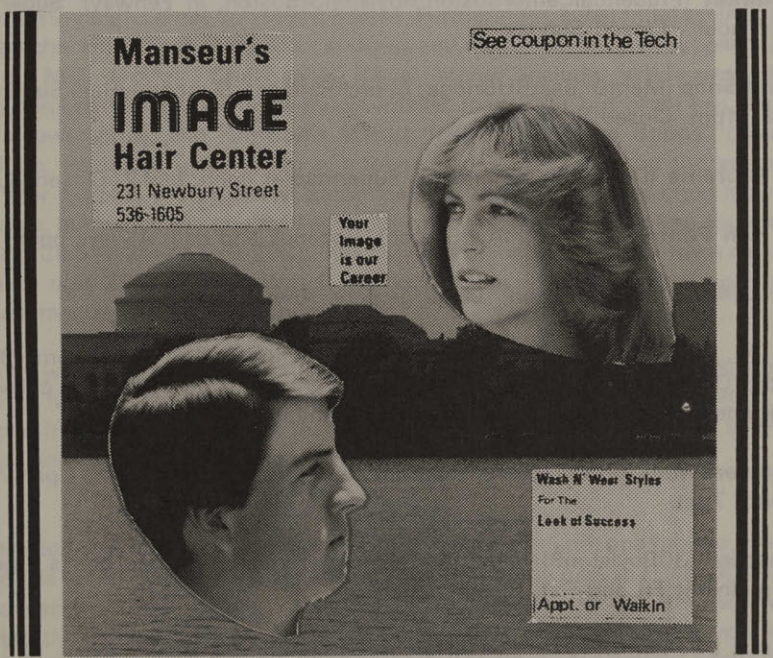
Hardware

There are hardware stores all over the Boston area, with industrialized Cambridge having more than its share. We shall satisfy ourselves with a listing of the nearest ones.

Dickson Bros. Hardware (26BrattleStCambridge,876-6760).Multiple levels with good selection very helpful service. Watch out for Harvard Square prices, though. Free delivery.

Central Square Hardware and Tool Rental (453MassAvCambridge). You have not truly experienced claustrophobia until you have squeezed your way in there. In addition to an impressive collection of standard hardware, they carry metal bookshelves, unfinished furniture, housewares, mirrors, and scrap lumber. True to their name, they also rent tools. Prices are reasonable.

Pill Hardware, Inc. (743MassAvCambridge,876-8310). Good selection, knowledgable assistance.



Other interesting stores in the vicinity are: **Inman Square Hardware** (1337-CambridgeStCambridge) and **Mills Hardware** (1076CambridgeStCambridge), which are both near Inman Square, and **Economy Hardware** (351MassAvBoston), near Back Bay.

Jewelry

The best deals on jewelry can be found on Washington and Winter Streets (MBTA:WashingtonSt). The largest selection of jewelry stores is here, and the department stores (Filene's, Jordan Marsh) have jewelry departments too. **Long's** (next to Jordan marsh) and **Robinson & Co.** (329-331WashingtonSt) both have large selections and courteous salespeople.

Late Night and Sunday Shopping

Blue laws close down most of Massachusetts on Sunday, but there are some exceptions. For night owls, there are several outlets open late at night. (See also **Out To Lunch**.) If in doubt, it is a good idea to call first.

Phillips Drug Co. (155CharlesStBoston, just across LongfellowBridge). Drugs, newspapers, some food, some other items. Always open.

Gnomon Copy (1304MassAvCambridge). Xeroxing, photo-offset, open til 1am. Closed Sunday. (319MassAvCambridge) open 'til midnight. Open Sunday.

7-11 (750MassAvCentralSq). A grocery store open 24 hours a day.

Star Market (PrudentialCenterBoston;BoylstonStBoston, in Fenway). Supermarket, open 24 hours. Closed Sunday.

Stop and Shop (MemDr,pastBUBridge; ChurchPark,nearSymphonyHall).Supermarket, open til 11pm. Closed Sunday.

Purity Supreme (CentralSqCambridge). Supermarket open 'til 12. Closed Sunday.

White Hen Pantry (371CommAveBoston).Groceries and deli. Always open.

Christy's (49BerkeleyStBoston). Large grocery. Always open.

Store 24 (1717BoylstonStBostonKenmoreSq;CentralSq;HarvardSq,cornerB'way&-ProspectStCambridge;others). Open 24 hours every day. A miscellaneous collection of trashy items and a few groceries at arbitrarily inflated prices.

The Growers Market (889MemorialDrCambridge). Plants and flowers. Open 7 days a week until 7pm.

Strawberries (30BoylstonStHarvardSqCambridge). Records, tapes, books. Open until 10pm, midnight Fri and Sat. Closed Sunday.

Paperback Booksmith (37BrattleStHarvardSqCambridge). Books. Open 'til 1am, on Fridays and Saturdays 'til 2am. Open Sunday.

Commonwealth and Granby Gulf Service Station (605CommAvBoston,nearBU). Always open.

Takis Shell Service Station (MassAv&MainStCambridge). Almost always open.

Merit Gas (287ProspectStCambridge). Always open.

Music Stores

The closest music store to MIT is **E. U. Wurlitzer** (MassAv&NewburySt, Boston). It is usually crowded, but prices on most instruments, especially recorders and guitars, are lower than list prices, and the merchandise is generally very good. **Beacon Musical Instrument Co.** and **Boston Music**, both on Boylston across from the Common, have large selections of most instruments at higher prices. Beacon is connected to **Carl Fisher**, which is the largest seller of sheet music in Boston. Fine woodwinds and some guitars are sold at **Rayburn's** (263HuntingtonAvBoston) though selection is smaller. The Harvard Square stores **Briggs & Briggs** (1270MassAv) and **The Instrument Exchange** (The Garage, BoylstonSt) have even higher prices than the downtown stores, though the Exchange has an excellent repair service. **The Record Garage** (12A EliotSt, HarvardSq, behind Coolidge Bank) gives good deals on guitars and amps, and often carries used Martins for under $350. Other places to try are the ads in *Tech Talk* and *the Yellow Pages* for specialized dealers.

Outing Supplies

The fastest way to buy outing supplies is at the largest local supplier, **Eastern Mountain Sports** (1041CommAvBrighton;1WinthropSqBoston), but EMS salespeople are often unhelpful if not downright hostile. Furthermore, substantial savings can be realized by checking prices at other local stores and major out-of-town suppliers and by buying at **MIT Outing Club** sales. Local stores include **Wilderness House** (117BrightonAvBrighton), which is much smaller than EMS but often has the same item at a lower price, and **Herman's World "High Adventure Shops"** (Braintree, Framingham, Peabody) which often has lower prices than EMS on the same item. **Central War Surplus** (433MassAvCambridge) and **Lechmere Sales** often have some outing items, but watch the quality. Large out-of-town suppliers are often cheaper. The MIT Outing Club (W20-461,x3-2988) has catalogs of local and out-of-town stores and occasionally runs 20% off sales. Watch their bulletin board for sale announcements or go to their meetings (Mon and Thurs 5-6).

Buy exactly what you need. Make sure the quality is high enough but not too high. Can you buy a house brand instead of a nationally known top quality item? Check *Backpacker* (national magazine) or the Outing Club for good deals. Save by buying kits instead of finished clothes, synthetic fill instead of down.

Pets

If you want to buy a pet (such as a dog or cat) or maybe even get one for free, check the classified ads in the local papers, especially *Tech Talk* or the *Boston Phoenix/BAD.* You may also use the *Globe* or the *Herald American*, but their advertisers usually want money for the animals. They are, however, a better place to look if you want a pedigreed pet. If you're just looking for any dog or cat, check out Animal Shelters in the Yellow Pages.

The local chapter of "Friends of Animals" will sometimes pay for the expenses of having an animal neutered or spayed. This must be arranged with you, them, and your veterinarian.

Photo Equipment

The most convenient place to have film developed is the **Tech Coop**. Prices are generally competitive, and service is friendly. If you're in a hurry, **Ferranti-Dege** (1252-MassAveHarvardSq) offers same-day processing of color slides and very fast service on other jobs. Downtown, **Copley Camera** (480BoylstonStBoston) also offers rapid film processing. Also check with **Kendall Drugs** (238MainStKendallSq). Try to avoid **Fotomat** (KenmoreSq) and **Photoquick** (CentralSq). These chains often provide inconsistent if not poor service.

Camera and lens prices vary widely. **Newtonville Camera** (249WalnutStNewton) and **State Street Camera** (195StateStBoston) have the lowest prices around. Closer by, **Ferranti-Dege** and **Lechmere Sales** offer good prices and helpful salespeople. If you only need a camera for a short time, you might consider renting one from **Claus Gelotte** (1290MassAveHarvardSq).

Used equipment is sold by most stores, but it is usually cheaper to buy it through ads on bulletin boards and in *Tech Talk*. If you want advice before you buy, talk to the people at the MIT Creative Photo Lab in duPont, *Technique*, or *The Tech*.

Plants

Petal Pusher (846MassAveCambridge), which once specialized in small, exotic flowering plants, has reasonable prices and gives free diagnoses of plant ailments. Dozens of other plant stores can be found in Harvard Square and on Newbury Street in Boston, all with cute names and outrageous prices. **Stop and Shop** (MemorialDr-Cambridge,byBUBridge) sells inexpensive greens that are occasionally brown.

The Growers Market (889MemorialDrCambridge) has a large selection and is reasonably close, and if a large selection at a higher price is OK, the **Faneuil Hall Flower Market** is supreme.

In **The Corner** (on WashingtonSt) is the **Corner Plantshop**. Plants are inexpensive though there is a limited choice. Delivery costs are high so bring a friend to help you carry the plants home.

The best way to adopt a plant is to take a cutting from a friend's plant or read the ads in *Tech Talk* and on the bulletin boards. The **Arnold Air Society** has a plant sale in building 10 lobby every fall, but their prices are unreasonably high. **MIT Women's League** also has a plant sale early in October, on the steps of the Student Center. Their prices are usually reasonable.

The reward of a thing well done is to have done it.

— Emerson

Records

Once you figure in your rebate, the **Coop** is probably the cheapest place to buy records. The Harvard Coop has the *largest* collection of records in New England, and the Tech Coop isn't small either. **Strawberries** (30BoylstonStHarvardSq and 709BoylstonSt-Boston) and **Lechmere Sales** (88FirstStCambridge) also have excellent prices and good selection.

Discount Records (18BoylstonStHarvardSq) and **Music City** (27BrattleStHarvardSq) both have a large selection and moderate prices. Discount Records has friendlier service, though.

Used records are frequently a good deal. **Figaro's Record Shop** (1154MassAve-Cambridge) specializes in used classical records and scores. Prices are low, and you can listen to your record before you buy it. Figaro's also sponsors concerts, which are announced in the store. **Zounz** (848BoylstonStBoston) sells used jazz recordings, as does **Bojo Records** (52BoylstonStCambridge). **Deja Vu** (1105MassAvCambridge and 151MassAvBoston) sells all types of used records and cutouts.

Cheapo Records (645MassAvCentralSq) has new and used records. Their used records are of all types and are inexpensive. They are also potluck. The records are sometimes in very poor condition. Their new records are very expensive.

Shoes

Boston is in the middle of a shoe manufacturing area being smothered by a flood of imports. You will find no lack of places to shop; where you go will be a matter of personal taste and budget. There are stores of various types on Mass Ave. in Central Square, and plenty of fashionable shops in Harvard Square and along Winter St. in Boston.

Rosenberg's (538MassAvCentralSqCambridge) has a good and relatively inexpensive shoes.

You can try **Filene's, Jordan's** and those types of stores also. As long as you are not shopping at the factories you will find most stores have comparable prices. **Mary Jane's** (467WashingtonStBoston) and **Baker's Shoes of Cambridge** (521MassAveCambridge) have inexpensive shoes, but the shoes are not of high quality. **The Wild Pair** (17WinterStBoston) caters to the earthy college look. **TAHA** (727-BoylstonStBoston;1312MassAveCambridge) tends more toward the chic preppy look. Men's shoes can be found at **French, Shriner and Urner** (201AlewifeBrookPkwyCambridge, across from FreshPondMall). This is by no means a complete list, but if you head in these directions you will be guaranteed to find more shoe stores around.

North of Boston are lots of factory outlets offering discount prices; check the Yellow Pages. **Hyde Factory Outlet** (535WindsorStEastCambridge) has good buys on athletic equipment (skates, cleats, running shoes, etc.). For custom-designed footwear try **Tisdell's Sandal Shop** (1160MassAveCambridge) and **First Settler Workshop** (118BlackstoneStBoston).

The nearest shoe repair places are in Kendall Square and on Prospect St. in Central Square. **Charlie The Tech Tailor** (StudentCenterBasement) also does shoe repairs.

Originality is the art of concealing your sources.

— Franklin P. Jones

Stamps and Coins

Boston has a concentration of dealers around Bromfield St. Also try **Jack Molesworth** on School St. and **S. L. Stone's** on Washington St., both in Boston. One of the friendlier ones is **J. J. Teaparty** on Bromfield St. Also, MIT has a Numismatic Society.

Stereo Equipment

Experience has shown that salespeople at stereo stores are more than willing to lie to make a sale. Remember that there are many MIT students that are *real* experts. A novice should check around his/her living group before buying anything. Never buy without comparison shopping, and never tell salespeople that you are just shopping around — they'll refuse to give their best prices to protect their competitors' "lowest price around" guarantee. Whenever you're told a "rock bottom dealers' cost," remember that that is still at least a 100% mark-up. Local dealers should give a full "buyer protection" warranty. Watch for discontinued lines, which are always good buys.

Tech Hifi (182MassAv near MIT;38BoylstonStHarvardSq) lures customers with blue jeans, beards, and superfluous guarantees. Be cynical. Their prices can only go down if you wait. When you buy from them, be sure to get as many extras as you can; they will provide free accessories, tapes, and taxi rides home on demand. **K&L Sound** (75NBeaconStWatertown, on the 70CentralSq-Watertown bus line) usually has good prices. Beware of **Atlantis Sound**; their salespeople are real professionals. Be prepared to walk out with the Brooklyn Bridge when they shift into high gear. **Eardrum** (16EliotStHarvardSq) and **Tweeter** (102MtAuburnStHarvardSq)both have fair prices and some knowledgable salesmen. Both also have some salespeople who try to screw you out of money, services, and warrantees. **Lafayette** and **Radio Shack** sell stereo equipment, but charge as much for junk as Tech Hifi does for good equipment. Other stores to check include **HiFi Buys** and **MSL** in Harvard Square and **Wolf and Smith** in Central Square. For used equipment, watch the ads in *Tech Talk*.

If your equipment needs repair, try **Bromley Engineering** (883CambridgeSt), **Stereolab** (16EliotStHarvardSq,864-1144), **Tech Hifi**, or even **Tweeter Etc.**

Out of the strain of the Doing,
Into the peace of the Done.

— Julia Louise Matilda Woodruff


HARVEY
BEEF CO.
HARVEY
BEEF CO.
LOWEST



Things To Do

This section is a partial guide to the facilities available for enjoying yourself in and around Boston and MIT. Boston has so much to offer in the performing arts, dozens of movie theatres, coffeehouses, many varied restaurants, and music for all tastes, that there is never any excuse to be bored around here.

I have never let my schooling interfere with my education.

— Mark Twain

Resources

The Boston Phoenix is hawked on the streets each week. It has complete listings of the week's events, information on things going on in Boston, and extensive criticism and reviews of entertainment products and events. Also, distributed free each week, is the *B.A.D.* (from *The Boston Phoenix*). 'Calendar,' published in the Thursday *Boston Globe*, also has excellent listings.

There are several guides to Boston available from travel agencies, most hotel lobbies, the Boston Chamber of Commerce and other groups. A wide variety of general and topical (i.e. Dining Out) guidebooks are available at most bookstores as well as guides to Boston and Cambridge. See also the section on Transportation for maps. There is an information booth on the Boston Common at the start of the Freedom Trail (on Tremont St. about half a block from the Park St. station).

The Boston Arts Line recording (437-1660) lists upcoming cultural events in the Boston area.

The SCC recently started a telephone service number, **Partyline** (3-3942), with a recording of current information on parties and various activities around campus.

Other colleges in the area often have parties that are well worth going to, and it's often very pleasant to meet people who come from other schools and have different backgrounds from those students we associate with here every day. The best way to find out about parties at other schools is simply to keep an eye on the bulletin boards around campus, especially the UA board in Lobby 7. The UA also sponsors a social newsletter that is put out once a week during the term. This newsletter lists upcoming parties at MIT and other colleges, the movies running at nearby theatres, current plays and upcoming important concerts, and can be picked up in Lobby 7 or the UA office on the fourth floor of the Student Center.

This town of Boston is becoming a Hell on Earth, a City full of Lies and Murders and Blasphemies; a dismal Picture and an Emblem of Hell. — Cotton Mather, 1688

Sightseeing

Downtown Boston is worth repeated explorations. The **Boston Common**, where you can no longer graze your cow if you have one, is a gentle and pleasant grassy park filled with a random assortment of people. The **Public Garden**, just west of the Common,has many labeled trees, rare flowers and a pond. A ride on the swanboats is 50¢ and is a wonderfully romantic way to be silly. **New City Hall** at **Government Center** in the heart of Boston is an unusual and striking architectural creation. Tours of the building are offered on weekdays. The huge brick courtyard outside is the scene of many a free concert, some by street musicians, some planned by the Boston Arts Council. Directly behind Government Center is **Faneuil Hall** and **Quincy Market**, the greatest place to be with a full wallet and an empty stomach. These buildings consist of many, many booths selling foods of every size, style and ethnic origin. A native Bostonian once said that Heaven smells like Quincy Market, and he has never been disputed. Some of the tall office buildings also show a streak of architectural "creativity," notably the **First National Bank Building**, which has oblique surfaces above and below, and somewhat resembles a pregnant brick. The old **Custom House Tower** is a nice place from which to look at the ocean. It used to be the tallest building in Boston and a landmark for ships, until the Prudential and John Hancock buildings came along. Call ahead before going there. The hours are strange.

A good way to become familiar with the city and to brush up on your American history is to follow the **Freedom Trail**, also known as the "big red stripe down the middle of the sidewalk". The trail starts at the Boston Common (MBTA:ParkSt), ends at the USS Constitution, and goes past Paul Revere's House, the Boston Massacre site, the Old South Meeting House, the Old North Church, and the North End, the home of the fascinating Italian section. Another walking tour to try is the **Black Heritage Trail**. This starts at the Museum of Afro-American History on Smith Court off Joy Street on Beacon Hill.

Onward to **Back Bay**, a formerly marshy area that was filled in over one hundred years ago. The **Back Bay Fens** (near Fenway Park, Simmons College, the Museum of Fine Arts) is a nice park with ducks to feed (and very polluted water). There are also some Victory Gardens left over from World War II, which are still maintained by private citizens. Boylston Street has many boutiques and other stores, and Newbury Street is a quiet and shaded avenue with art galleries. Commonwealth Avenue between Mass Ave and the Public Garden is a divided roadway with a shaded mall down the middle. The Boston bank of the Charles River is great for picnics and sunbathing. The tree-lined **Esplanade**, a long string of linear islands, is great for walking trips and relaxation. During the summer, the Boston Pops and other groups give concerts from the Hatch Shell there.

Slightly further west, at the intersection of Beacon Street, Comm Av, Brookline Ave and three other streets is the driver's nightmare called **Kenmore Square**. It is built up and is becoming more so, with shops ranging from hamburger joints to boutiques and nightclubs. It's a nice place to visit on foot if you like watching crowds of people, and especially if you like watching drivers have hysterics.

In Cambridge, **Harvard Square** has the most visual appeal for a walking tour, with huge crowds of all descriptions, a tremendous variety of stores and politicizers of all (and we do mean all) types looking for your support. The architecture around Harvard is

pretty interesting too, ranging from staid Colonial to futuristic. The banks of the Charles are pretty pleasant here, with a lower pollution level than around MIT, and big grassy areas on either side. There are often free impromptu concerts on the **Cambridge Common** between Harvard and Radcliffe. During the summer, concerts are sometimes held there Sunday at 2pm.

If you're above all that, you can look down on everything from the top of the **Prudential Tower**, the 52-story glass and steel monolith piercing the sky across the river from MIT. It will cost you $1.75, but if you like viewing people as ants it's worth it. There are pay telescopes there, and if it's a clear day you can see New Hampshire (it's not forever, but it's something). In fact, you can see the beginning of the White Mountains almost 200 miles away if you have good eyes.

In true one-upmanship style, the new **John Hancock Building** several blocks away has reached a height of 60 stories. After winning national attention for losing nearly all its huge windows, the building has been entirely reglazed, at a cost of $5 million. "The John" now gleams in a sheath of steel and mirror glass, reflecting sunlight into the streets below and producing some strange shadows.

The **Christian Science Center**, just southwest of the Prudential, is a collection of modern buildings associated with the "Mother Church" of this religious group, as well as the central offices of the world-famous *Christian Science Monitor.* Tours of the buildings are given when they are not in use, and the reception given to non-members is low-key and friendly. Of special note are the Mapparium, a huge transparent globe which allows you to view things "from the center of the earth," and the Sunday School, an unusual architectural work.

NOTE: A word of caution regarding walking tours. Boston is a big American city and therefore has some dangerous neighborhoods. Roxbury, Mattapan, Charlestown, South Boston, part of Dorchester and the South End, and the areas around Northeastern University (south of Symphony Hall) at night, are bad places for anybody to be. The North End of Boston is dangerous for blacks and freaks after dark. Certain sections of Cambridge are also pretty grubby, though not so bad as some of the preceding areas. *Don't* go wandering off into unknown neighborhoods unless you know what you are doing. This warning applies especially to foreign students and staff who may not be used to the concept of dangerous neighborhoods in a city.

There are many bus and boat tours of Boston which are good for orientation, fun, and when parents come to town. See the Yellow Pages under "Sightseeing Tours" for more information.

The Boston State House is the Hub of the solar system. You couldn't pry that out of a man if you had the tire of all creation straightened out for a crowbar.

— Oliver Wendall Holmes

Museums and Exhibitions

Boston is richly endowed with museums. One of the most comprehensive museums is the **Museum of Fine Arts** (465HuntingtonAvBoston,by the Fenway,MBTA:-ArborwayGreenLine). This museum boasts one of the finest collections of Oriental art inthe Western world, excellent selections of Mediterranean and Renaissance art and some fine French impressionistic works. The museum also has impressive collections of American art, notably the works of Winslow Homer and colonial artists. It even has a reconstructed Byzantine chapel with uncomfortable pews in which one can sit and hear recorded Gregorian chants. There are often special showings of selected classical and contemporary artists in some of the more secluded galleries, for which one must pay extra. This museum is worth repeated and thorough trips. The suggested procedure is to choose some small area and examine it at leisure, then shift to others on succeeding trips. Hours: Tues-Sun, 10-5, Wed. open til 10pm. Admission: free with an MIT student ID; for others: $3.00, free Sat till noon. Recorded information is available at 267-9377 (ANS-WERS). Or try 267-9300 x445 for more information.

The **Isabella Stewart Gardner Museum** (280 the Fenway, one block from MFA, 566-1401) is patterned after a sixteenth-century Venetian palace. It was once the home of the flamboyant Mrs. Jack Gardner, and is stocked with her collection of nearly 2000 pieces of Renaissance Italian art, with a scattering of items from other lands and periods. The artworks are placed in strange combinations and juxtapositions, and are often poorly-illuminated — her will stipulated that *nothing* be changed. The collection includes paintings, sculpture, tapestries, textiles, furniture, ceramics, rare books and manuscripts. There is a beautiful indoor garden growing all year at the core of the building. An excellent series of chamber music concerts is given Tuesdays at 6pm, Thursdays at noon and Sundays at 3pm. Museum hours: Wed-Sun 12-5:30, Tues 2-9:00; closed Mon. A contribution of $1.00 is requested. Call 734-1359 for recorded information on upcoming concert programs.

The Institute of Contemporary Art (955BoylstonStBoston,MBTA:Auditorium,266-5151) sponsors exhibitions by contemporary artists, lectures and special events like children's art shows. Hours: Tue, Thu, Fri 11-7; Wed 11-8, Sat 11-6, Sun 12-6. Admission: $2.00, $.75 for students, free Wed.

The **Museum of Science** (SciencePark, on the CharlesRiverDam between East-Cambridge and Boston,MBTA:SciencePark,742-6088) exhibits objects of a scientific bent, notably a step-by-step model of an appendectomy, a beehive, an alcohol cloud chamber, and strobe displays. Recently opened is the Theater of Electricity, containing two megavolt Vande graaf generators. The renowned **Hayden Planetarium** is also part of the museum. Hours: 9-5 daily except Sun 10-5 and Fri 9-10. Admission: $4.50 for adults, $2.75 for students and for those under 16 or over 65, free under 5, $1.00 Friday nights 5-9. Free at all times with MIT Student ID. There is a separate $2.50 ($.50 with MIT Student ID) charge for the planetarium. For information on the Planetarium, call 723-4586. The museum is always looking for student volunteers — for more information, call 723-2500, x259. It also has a Red Cross blood center; free museum admission for a pint, but call ahead for donation times.

The **New England Aquarium** (StateSt at AtlanticAv, on the waterfront in Boston,742-8870,MBTA:Aquarium) has impressive marine exhibits, including an enormous cylindrical tank with glass walls 2½" thick, in which sharks, groupers, sea turtles, and other large marine life live together, calmly ignoring the stares of visitors. Hours: 9-6 weekdays, Friday night until 9, 9-7 Sat, Sun, and holidays. Admission: $5.00 for adults, $4.00 for students with ID and $4.00 on Fridays from 4:30-9.

Following the milk bottle shaped signs downtown should bring you to the forty-foot Hood Milk Bottle (where you can buy ice cream and frogurt) and to **Museum Wharf** (300CongressStBoston,426-8855MBTASouthStation), the home of a rather unusual museum. **The Children's Museum** is designed to let children 2-12 learn about the world around them through "hands-on" experience. Here, the curious can learn about other people in other cultures, wildlife inside and outside the city, and even (gasp!) computers. Hours: Mon-Thurs & Sat-Sun 10-5, Fri 10-9. Admission: adults $4.00, children $3.00, half price Fri night.

If you're feeling rebellious, just half a block in front of the Museum Wharf is the **Boston Tea Party Ship** (CongressStBridge,338-1773,MBTA:SouthStation). There you can toss tea into the harbor just as Paul Revere and his friends did over two hundred years ago. The adjoining museum is a display on pre-Revolutionary Boston. Hours: daily 9-dusk. Admission: adults $2.25, children $1.50.

Across from the BU Bridge, and very near the ZBT fraternity is the **John F. Kennedy Birthplace** (83BealsSt,MBTA:CoolidgeCorner). This restored house should send just about everyone's family through oceans of nostalgia. If you wish to learn more about the Kennedy family, however, the JFK library is out in Dorchester. Call either 929-4523 or 925-4567 for current information.

Harvard University has six museums in Cambridge. The first four are part of the same complex, which has an admission charge of $1.50, Following are brief descriptions, which in no way do justice to the museums. All are fascinating and merit repeated visits.

1. **Peabody Museum of Archaeology and Ecology** (OxfordSt and DivinityAv,495-2248), anthropological museum, many Indian artifacts. Hours: Mon-Sat 9-4:30, Sun 1-4:30.
2. **Geological Museum**, mineral exhibitions.
3. **Botanical Museum**, features a renowned display of glass flowers.
4. **Museum of Comparative Zoology (Agassiz)**, dinosaurs and stuffed animals.
5. **The Busch-Reisinger Museum** (29KirklandSt,495-2338), a reconstructed Gothic cathedral, displays medieval German art. Organ recitals 12:15 Thursdays during the school year. Hours: Mon-Sat 9-4:45, closed Sun. Free.
6. **The Fogg Art Museum** (QuincySt,495-2387), built in the style of an Italian palace, houses Harvard's extensive permanent art collection, in addition to a wealth of temporary exhibits. Hours: Mon-Sat 9-5, Sun 2-5. Free.

The **Carpenter Visual Arts Center** at Harvard is the only building in North America designed by Le Corbusier. It usually contains art exhibits. You can often watch artists at work, too.

You will probably need a car to get to the **De Cordova** (259-8355) in Lincoln. The trip is worthwhile; the museum is in a beautifully remodeled house set among 30 acres of parkland. It presents lectures, exhibitions by local artists, classes, films and other educational activities. Hours: Tues,Thu, Fri 10-5, Wed 10-9:30, Sat 12-5, Sun 1:30-6. Admission: adults $1.50, 50¢ for those under 21,free Wed eves. There is an additional charge for the concerts on Sunday.

The **Trailside Museum** (1904CantonAvMilton,333-0690) in the Blue Hills Reservation is also worth visiting. Hours: Tues- Sun 10-5, Admission: adults 50¢, children under 12, 25¢. Live animals native to New England can be seen. While you're there, climb to the top of Big Blue Hill for an excellent view of Boston. Can be reached by bus.

The **Arnold Arboretum** (junction of Jamaicaway, Rte 1 and the Arborway,524-1717,-MBTA:ForestHills) is a beautiful 265-acre park filled with over 6000 labeled varieties of trees, vines, and flowers. "No bicycling or picnicking," just walking. Hours: sunrise to sunset. Admission: free.

The **Franklin Park Zoo** (BlueHillAv&ColumbiaRdDorchester,MBTA:GreenSt, then #16 or #29 bus) is filled with hundreds of animals and birds, and thousands of happy children every day. The **Children's Zoo** (442-2216), also in Franklin Park, allows children to mix with and feed small, tame animals. The entire zoo complex is being renovated. The area is dangerous at night, but reasonably safe during daylight. Hours: Daily April-Oct 10-5. Admission: adults $1, children 50¢. Call 442-0991 for recorded information.

At MIT there are several museums. **Hayden Gallery** (in Building 14) houses temporary exhibitions of works by contemporary artists, often including MIT talent. The **Hart Nautical Museum** (Building 5) houses detailed wooden models of ships and pictorial reports on advances in ocean engineering. The **Creative Photography Galleries** (in the Armory) exhibit the works of contemporary photographers. The hallways on the first floor of the main complex have displays relating to MIT's programs and environment, often incorporating a high degree of technical and artistic talent. Higher floors and those in out-of-the-way places show interesting aspects of work done in their respective regions. For instance, the fourth floor of Building 4 outside of Doc Edgerton's strobe lab is full of strobe photographs. Other places to see are the MIT Historical Collections (N52,x3-4444) and the exhibits at the Faculty Club (E52, sixth floor).

Lastly, there are the contemporary art galleries on Newbury St in Boston, some of them traditional and some very avant-garde. They are fun to visit, and may even tempt you to buy something. For rather complete listings of galleries in the Boston area, try *The Boston Phoenix*.

Science proceeds more by what it has learned to ignore than by what it takes into account.

— Galileo

Theatre

Boston and vicinity are exciting places for theatre, whether you go in for traditional Broadway fare at the palatial, carved-and-gilded Colonial, or for Stage One's wildly experimental style in a theatre that (for some shows) seats only twenty-five. What follows is a partial listing of theatres around the area. For more complete listings, check the *Boston Phoenix/BAD.* Bulletin boards, especially those in the basement of Kresge near the office of the Director of Drama, are also good places to look.

The **Schubert** (265TremontStBoston,426-4520), the **Wilbur** (252TremontStBoston, 423-4008) and the **Colonial** (106BoylstonStBoston,426-9366) are the three large Broadway-style theatre houses in Boston. They often preview Broadway plays, so you can see a new hit with the original Broadway cast. Then again, you could see a real bomb, but that's the risk you take with any performance. Popular Broadway musicals are performed at the **Metropolitan Center** (268TremontStBoston,542-3600) Tickets may be ordered by mail or purchased at the box office. Or if you have a credit card, they may be reserved by calling **Theatre Charge** (426-8383).

The **Charles Playhouse** (76WarrentonStBoston,426-6912) offers a broad range of contemporary and classical drama. Ticket prices run from $7.50 to $14.

Boston Shakespeare Company (52BotolphSt,267-5600) is a repertory company that has gained much popularity for its lively and ingenious interpretations of Shakespeare. Tickets are usually between $6 and $9.50.

The **Lyric Stage** (54CharlesStBoston,742-8703) is a small group that has been putting on high quality performances. They specialize in classic plays by such authors as Ibsen, Pinter, and Williams. Take note of their interesting arrangements for intermission. Price range is $5.50-$8.00

The **Boston Center for the Arts** (539TremontStBoston,426-5000) has a repertory company, the **Ehrlich Theatre Co.**, that performs plays and musicals. The Center is also the home of the **City Stage Co**, the **Just Around the Corner Co**, and the **Mirage Mime Co**.

Collegiate groups are also responsible for much theatre around Boston. **MIT Dramashop** (W16-018,x3-2908) does all sorts of straight drama from experimental one-acts to professionally designed and directed full scale productions. The **MIT Musical Theatre Guild** (W20-453,x3-6294) puts on (surprise!) musicals of all sorts, including the annual *Tech Show*, written by MIT students. The **MIT Community Players** also put on an assortment of types of drama, while **The Shakespeare Ensemble at MIT** specializes in scenes and plays by Shakespeare. The foremost of those outside of MIT is Harvard's **Loeb Drama Center** (64BrattleStCambridge,864-2630). These productions are usually of high quality, and the theatre also hosts touring companies from New York, such as La Mama, and beyond, such as Theatre de L'Obelisque from France. There are also occasional plays at most of the Harvard houses and at Agassiz Theatre in Radcliffe Yard. Other excellent groups among the colleges include the **Spingold Arts Center** at Brandeis University in Waltham (894-4343), the **BU Theatre** (264HuntingtonAvBoston,353-3392), and the **Tufts Arena Theatre** in Medford (623-3880). Wellesley also has several theatre groups worth investigating.

Many of the smaller theaters and most of the collegiate groups offer chances for involvement both onstage and backstage. The bulletin boards in Kresge have notices of upcoming shows and tryouts as well as courses and scholarships. Robert Scanlon of the Humanities Department is a good person to talk with about theatre in the area.

Film

Most popular films at MIT are presented by the **Lecture Series Committee** (LSC,W20-469,x3-3791), which also sponsors lectures by famous personalities from time to time. An entertainment series featuring recent films is shown in 26-100, Kresge, or 10-250 on Fridays and Saturdays; you need an MIT or Wellesley ID to get in. The public at large is allowed to attend the Sunday film series in 26-100. During the summer, a film series is also presented. Admission is $1 for all movies; schedules may be picked up at the Information Office (7-121) or at LSC. Call dl9179 for a recording about upcoming movies. You can also buy an LSC Superticket which entitles you (with guests) to a total of 20 admissions during the year. It isn't any cheaper, but it saves you from waiting in the long ticket lines.

At MIT, there are several groups which put on films. The **MIT Film Society** presents experimental and classical works. The **Humanities Department** has free films related to class discussions, but often excellent in their own right (get schedules from Course XXI headquarters). The **international student organizations** often show the better films from their native lands. MIT showings are usually announced on the bulletin boards and in *Tech Talk.*

The Student Center Committee runs the **Midnight Movie Series** on Saturday nights at midnight in the Sala de Puerto Rico in the Student Center. These movies are free with an MIT or Wellesley ID. Schedules are available at the SCC office (W20-347) at the start of each term.

Commercial movie houses cover the entire spectrum. During afternoon performances, prices can be as cheap as one buck. And if you make the mistake of attending an evening performance at the Sack 57, on the other hand, they'll milk you for $4.50 Check news

Music

Classical

Boston is a great city for all types of music. In the classical field, the foremost performing organization is the **Boston Symphony Orchestra (BSO)**, undeniably one of the world's finest orchestras. The music director is Seiji Ozawa. A favorite of Boston audiences, he is great fun to watch as well as listen to. Other outstanding conductors like Colin Davis and Klaus Tennstedt, make frequent guest appearances.

Concerts are given in the nearly acoustically-perfect Symphony Hall (corner of MassAv and HuntingtonAvBoston, MBTA:#1Bus to Symphony Hall) on Friday afternoons, Saturday nights, and assorted Tuesday and Thursday nights. They are divided into several series, which are sold on a subscription basis at Symphony Hall. There is also a set of eight open rehersals. These feature unreserved seating, informal dress, a half hour lecture on the works to be performed, and a run-through and rehearsal of the coming Friday-Saturday pair's program. The reheasal subscription series is one of the most popular and is usually sold out by early fall.

Tickets can be acquired in many ways. First, one can buy a subscription for a series at Symphony Hall. This is a good buy, with a guaranteed location and renewal rights, if you know you'll be free and interested in going to all the concerts (or you can sell the extra ones). For single tickets (that is, any number of seats for a single concert), you can try the Symphony Hall box office (266-1492) four weeks in advance. They often have seats for sale for weeknight series, but they are at full marked price. TCA (W20-450,x3-4885) occasionally gets singles given to it by MIT community members who can't use their subscription seats on a given night — check with TCA and look on the music library bulletin board. Also, try the box office a few hours before a performance — subscription holders unable to attend often turn their tickets in for resale at the last minute. This is often the easiest way to get tickets. They are sold at full price. Symphony Hall also offers single tickets cheaply through "rush seats," in which 150 tickets are put on sale for $3.00 two hours or so before the concert time on Friday or Saturday (for a popular concert, get there very early).

The BSO minus its first-chair players performs "light" classics and popular music as the **Boston Pops Orchestra** from mid-April through mid July. The new director of the Pops is John Williams. Pops programs are long streamers which can sometimes be found around MIT. The seats on the floor of Symphony Hall are replaced by tables, and the suit-and-tie patrons by noisy champagne drinkers, but it's all in the Pops' style. If you go, try to sit in the second balcony in order to avoid the noise from the floor. "Tech Night at the Pops" is generally attended by alumni, and tickets are available through the Alumni Association. You, too, can sing "Arise Ye Sons of MIT" to the strains of the Boston Pops!

First-chair players of the BSO comprise the **BSO Chamber Players**. They give several concerts a year in Sanders Theatre. Information can be obtained through Symphony Hall. Tickets can be obtained through subscription from Symphony Hall only. This chamber ensemble is one of the very best around.

The other professional orchestra in town is the **Boston Classical Orchestra**. Conducted by F. John Adams, this chamber Orchestra performs primarily 18th century works. The three yearly concerts are performed in Faneuil Hall. Call 426-2387 for more information about concerts, dates and prices.

There are two professional operatic companies which perform in Boston. The (New York) **Metropolitan Opera** usually comes here in June on its annual tour, with a general sampling of its justly famed star singers. It performs in the Metropolitan Center. Good seats are exceedingly difficult to come by; most go to patrons and subscribers.

The **Opera Company of Boston** (172NewburySt,267-8050) is a local company run by Sarah Caldwell. It features both local and out-of-town top-notch performers. Sarah Caldwell is excellent at directing and producing operas, and the final product is always outstanding. Performances are held at the newly renovated Savoy Theatre, and tickets are regrettably expensive. The best way to get tickets is through a series subscription; tickets bought singly are 25% more expensive and are available only two weeks before a performance. For impoverished students willing to wait until the last moment, rush tickets (assuming there are still seats left) go on sale half an hour before performances.

Boston probably has more good choral music than anywhere else in the country. The **Handel and Haydn Society**, which has been around since the early 1800's, gives six performances a year. The highlight of its season is its annual performance of Handel's *Messiah* in Symphony Hall at Christmastime. Thomas Dunn, the music director of the society, is an expert on proper musical style, and each year the Society reproduces an actual performance of Handel's as exactly as possible. They tend toward an unusual choral and orchestral repertoire (the name is narrower than the Society). The only sour note is the outrageous price of tickets. For ticket information call 266-3605.

Less well known, but no less fine are the **Cantata Singers** (625-7410) and the **Cecilia Society** (232-4540). The former group primarily performs Baroque works, although they occasionally include contemporary pieces. The Cecilia Society has a broader repertoire. Both groups perform at Sanders Theatre.

The **MIT Choral Society** presents four or five exquisite concerts every year under the direction of John Oliver, who conducts the Tanglewood Festival Chorus during the summer.

The **Boston Camerata**, directed by Joel Cohen, is Boston's superb early music chamber group. They perform four times a year at Sanders Theater and Jordan Hall.

The next item is too diversified to fit into any one category. It is the **Boston University Celebrity Series**, which brings dozens of superb artists to Boston, performing in Symphony Hall, Jordan Hall and occasionally other places. Check their flier, which is available in the Music Library and at TCA. Tickets may be bought on a subscription basis from the BU Celebrity Series (31StJamesAveBoston,482-2595) or individually from the concert halls involved.

Another outstanding guest artist series is sponsored by **Boston Concert Artists Management** (22SenecaRdWinchester,731-9786). Performances are held at Symphony Hall or Mechanics Hall in Worcester. Discount tickets are sometimes offered through TCA (x3-4885).

The **Peabody-Mason Music Foundation** brings guest artists to Sanders for six concerts; tickets are free (funding came from Mrs. Mason's bequest). To get one, you have to write a letter postmarked no sooner than one month before the concert, enclose a stamped, self-addressed envelope, and mail it to the Peabody-Mason Music Foundation, P.O. Box 153, Back Bay Annex, Boston 02117. Send your request (no more than 2 tickets per person) very soon after the one month limit, as tickets go very quickly. A wide variety of chamber works is presented. A schedule can generally be found in the Music Library.

Boston has a resident ballet group, **The Boston Ballet** (19ClarendonStBoston,542-3945). The season runs from November to May and often features outstanding guest dancers. Check the bulletin board at TCA for this year's schedule. Tickets may be purchased singly or by subscription, and student discount tickets can be ordered at TCA (W20-450,x3-4885).

Local schools of music often present recitals by students and staff which can be excellent and are usually free of charge. **The New England Conservatory** (290HuntingtonAvBoston,262-1120) publishes a monthly listing of performances there. Of special note are that school's symphony orchestra, chorus, ragtime ensemble. Also try the **Berklee College of Music** (1140BoylstonStBoston,266-3525) and the **Longy School of Music** (1FollenStCambridge,876-0956).

Within MIT itself there are several sources of music. The Humanities Department sponsors free noon-hour chamber music concerts on Thursdays in the Chapel. Periodically (usually on Fridays at noon) there are concerts in the Building 7 Lobby. The Music Department sponsors a series of evening concerts throughout the year, and the concerts are generally free and open to the public.

Of special interest are the following groups that not only provide excellent performances throughout the year but also offer the opportunity to participate. The **MIT Symphony Orchestra** is open to MIT and Wellesley students and alumni. Its repertoire combines standard classical works with a significant amount of contemporary music. This highly acclaimed college ensemble augments its Cambridge season with a spring tour. The **MIT Concert Band** is open to the entire MIT community. Performances include specially commissioned works. The **Concert Jazz Band** and **Festival Jazz Ensemble** are open to the entire MIT community, and perform works by young Boston area musicians. The **Choral Society** is a mixed chorus open to the entire MIT community, and new members are always welcome. The **MIT Chamber Music Society** is also open to all members of the MIT community. This group provides coaching by music faculty and staff for all kinds of chamber ensembles. Groups whose work leads to performance can receive undergraduate seminar credit. The Society sponsors monthly concerts in the Music Library, as well as an evening series in Kresge Auditorium. Other musical groups included are the **MIT Brass Ensemble**, the **Choralaries**, the **Logarhythms**, and the **Gospel Choir**.

Membership in the above groups is by audition, usually held early in September. For more information call the Kresge Music Office, x3-2906. The best places to find out about performances given by these groups are the kiosks and bulletin boards around the Institute, or check the listings in *Tech Talk* and the calendar put out by the Council for the Arts.

The real thing is also an approximation of the real thing.

— Prof. King

For most of the above events there are standard sources of information that can be checked regularly. The MIT Music Library maintains a bulletin board with concert announcements, as does the music department on the second floor of Bldg. 14. There are concert listings in several papers, especially *The Boston Phoenix/BAD, the Boston Sunday Globe,* and the *Calendar* section of the Thursday *Globe.* Also check the *WCRB Guide* (recommended for people who like classical music) and *Boston Review of the Arts.* The Symphony Hall box office is the place to call for information on all events at the Hall, including BSO concerts. Jordan Hall (536-2412) is the location of New England Conservatory concerts and of other events.

During the summer there are performances by various groups on many of the city's parks and along the Esplanade in the Hatch Shell. The Boston Pops Esplanade Orchestra plays free here during the first two weeks of July, but it can be very crowded. The BSO moves to Tanglewood in western Mass. for the summer. For information, call 266-1492.

Folk

The center of the Boston folk scene is **Passim** (47PalmerStHarvardSq), which attracts nationally famous performers, and charges $3 to $4.50 depending on the performer and the night. The **Joy of Movement Center** (OddFellowsHall536MassAvCentralSq) has weekly folk concerts on Friday or Saturday nights that are well worth the donation ($3) that they request. **Nameless Coffeehouse** (3ChurchStHarvardSq) is free, and always jammed to the gills. The quality of performers is quite varied. **Sword and the Stone** (15CharlesStBoston) is Boston's oldest folk club and frequently features jazz and pop artists as well as folk. Two Cambridge bars are famous for the musicians they attract: **Club Zircon** (289BeaconStSomerville) and **Plough and the Stars** (912MassAvHarvardSq). Plough and the Stars is an Irish pub, with Irish music on tradional instruments and occasional folk and blues. Club Zircon's special night is Monday, when everyone joins in an open sing. **Jonathan Swifts** (30BoylstonStHarvardSq) sometimes books top folk performers in addition to their staple of rock and jazz.

The Student Center Committee sponsors the **Mezz Coffeehouse** about every other Saturday Night 9-12, featuring MIT talent and free donuts and cider. If you would like to perform, contact the SCC (W20-347,x3-3916). The **Baker House Pub**, open erratically (usually once a term), also features MIT folkies. Talk to the Baker House social chairman for information. Other colleges, notably Harvard, also sponsor folk concerts which can be quite rewarding.

Boston Area Friends of Bluegrass and Old-Time Country Music (BAF) holds concerts and runs bluegrass and country music festivals. You can get on their mailing list by sending $1 to BAF, 36 Lancaster St, Cambridge, MA 02140. **Living Folk Records and Concerts** (65MtAuburnStCambridge) distributes announcements of their upcoming concerts free on request.

To spend too much time in one's studies is sloth.

— Bacon

Rock

Rock music is all over, sometimes at coffeehouses, more commonly at regular concerts. For these, check either directly at the Boston Garden (277-3200), the Orpheum (WashingtonStBoston,482-0650), the Paradise (969CommAveBoston,254-2052), the Palladium, or at Out of Town ticket agencies, such as the one in Harvard Square (492-1900). These agencies sell tickets to shows at most locations with a $1.50 service charge. Other agencies include Strawberries (30BoylstonStCambridge,-354-6232;or411WashingtonStBoston,482-5257), Hub Ticket Agency (110StuartStBoston,426-8340), Tyson Ticket Agency (226TremontStBoston,426-2662), and Concourse Ticket Agency (SouthStationBoston,542-3905). If you have tickets that you can not use, call TCA. They will try to sell them for you.

Boston's huge college population is constantly pulling in the top performing and recording groups, and you need only to keep your eyes open to find announcements. *Rolling Stone* magazine tells about upcoming events and concerts also. Most of the local radio stations maintain some sort of concert line. The best of these is WCOZ's at 247-2022.

And now, Doctor, we've done our work, so now its time we has some play. A sandwich and a cup of coffee, and then off to violin land, where all is sweetness and delicacy, and harmony, and there are no professors of calculus to vex us with their conundrums.
— Sherlock Holmes

Rock Clubs and Bars

Bunratty's (186HarvardStAllston,MBTA:offCommAvGreenLine,254-9804) Live bands nightly. Jazz Sun. afternoons. $1 cover can vary. Large dance floor.

Casablanca (40BrattleStHarvardSq,876-0999) Live jazz Sun. through Thursday. No cover.

Cantone's (67BroadStBoston,338-7677) Live new wave performers. Cover: $2 M-R, $3 F,Sat.

Cask & Flagon (335A HuntingtonAv,MBTA:Kenmore,266-1705) Rock music. Large college crowd from MIT and Simmons. No cover.

Celebration (KenmoreSqBoston,536-1950) Pickup bar. College crowd. Crowded on weekends, no alcohol. Cover varies from $1 to 5.

The Channel (25NeccoStBoston,451-1905) Live new wave, reggae, and rock nightly. Cover: $2 and up.

Crossroads Pub (495BeaconStBoston,262-7371) Just over the Harvard Bridge. No cover.

Eliot Lounge (MassAv&CommAvBoston,262-8823) Live music. $1 cover, $2 Fri-Sun.

Father's (300MassAvCambridge;corner MassAv&MarlboroughBoston) Very convenient to MIT. Student crowd. No cover.

Gatsby's (ParkSqBoston,536-2626) Small casual pub. No cover.

Inn Square Men's Bar (1350CambridgeStCambridge,491-9672) Located in Inman Square, 91 Bus from Central Square, or 5 minute walk on Prospect Street. Good live music, cover $1-2. Rock and new wave.

Jacks (952MassAvCambridge,491-7800) Located between MIT and Harvard. Music from rock to country, reggae and blues. Cover varies.

Jasper's (379SomervilleAvSomerville, off UnionSq,625-4975) 91 bus from Central Square. Good live music. New wave and hard rock. Some dancing. Cover varies

Jonathan Swift's (30BoylstonStHarvardSq,661-9887) Live music ranges from rock to reggae, blues to country. Top performers and local talent. Cover varies with artists $3-4, up to $7.

Mister McNasty's (88QueensburySt in Fenway,536-2509) Live music. Rock. Cover varies from $1 to $5.

Oxford Grill (36ChurchStHarvardSq,876-5353) Live rock, jazz, and R&B. Very crowded. Harvard student crowd. Cover: $2 Fri and Sat, otherwise free.

Pooh's Pub (414CommAvBoston) New wave in Kenmore Square.

Oxford Ale House (36ChurchStHarvardSq) Live rock. Very crowded.

The Rat (528CommAvKenmoreSq) Some of the best new wave music in Boston. Crowded and dirty.

Coffeehouses

Coffeehouses are pleasant places to study, talk, and relax. Some, such as Reflections and Montana's, have music every night. Others simply have tea, cake, and a pleasant ambiance.

Algiers (TrucComplexBrattleStCambridge,492-1557,MBTA:HarvardSq) Cozy basement coffeehouse, with interesting coffees. At random times, guitar pickers visit and perform for free.

Blue Parrot (123aMtAuburnStCambridge,491-1551,MBTA:HarvardSq) Good food, bright cheery atmosphere, well-chosen recorded music.

Cafe Gallery (73DartmouthStBoston,247-8040,MBTA:CopleySq) Small neighborhood coffeehouse. Features poetry readings Wednesday, Thursday, and Friday nights. Closed Saturday night. Very friendly, comfortable atmosphere. Closes 10pm, unless the poets won't quit.

Coffee Connection (TheGarageBrattleSt,492-4881,MBTA:HarvardSq) Excellent coffees, stale pastries, and apathetic waitresses. Sit at the coffee bar if you want to be served. Of course, if you don't want to be bothered. . .

Greenhouse Coffeeshop (3BrattleStHarvardSq,354-3184,MBTA:HarvardSq) A coffeehouse in a greenhouse. (What will they think of next?) No music, but a great place to go to talk.

Grendel's (89WinthropStCambridge,491-1050,MBTA:HarvardSq) Quiet recorded music, good pastries and coffees. Try their pomegranate frappes. Waiters are friendly, and there are flowers on every table. Open to 1am weekends. Pastries are half price after 10pm weeknights.

Montana's (160CommAvBoston,536-3556,MBTA:Copley) Live jazz every night terrible food, crowded on weekends.

Off the Wall (3PearlStCambridge,354-5678) Dark and comfortable. Features short movies every night. Small cover.

Passim (47PalmerStCambridge,492-7679,MBTA:HarvardSq) Only barely a coffeehouse. Better classified as a folk club, they have nightly concerts by the top local musicians, and a high cover.

Piroschka (24DunsterStCambridge,354-8376,MBTA:Harvard Sq) An attempt at a European ambiance. No music.

Sword and the Stone (15CharlesStBoston,523-9168,MBTA:Charles) Just over the Longfellow Bridge from Kendall Square. Features excellent folk music, but randomly has some jazz and pop as well.

If at first you don't succeed, you're out.

— Babe Ruth

What do you get when you cross an elephant with a grape?
(elephant) (grape) (sin ϕ)

— Dan Franklin

What do you get when you cross an elephant with a mountain climber?
Nothing, a mountain climber is a scalar.

— Rick Hester from *The Last Word*

Note: Check the *Boston Phoenix* for current information. Almost every college in the area has its own coffeehouse during the academic year. At MIT, the SCC Coffeehouse presents folk talent from MIT in the Student Center mezzanine lounge alternate Friday evenings. Don't neglect Harvard's coffeehouses — they can be quite good. Read *What is to be Done* distributed on campus Thursday afternoon.

The **24 Hour Coffeehouse** in the Student Center sells donuts, bagels, candy, coffee, fruit drinks, and some other items. A piano is available, and musicians are encouraged to perform at their convenience. Their phone is x3-7972. The **Muddy Charles Pub**, operated by the GSC, is open in Walker during lunch. The pub serves beer, wine, and munchies.

Discos/Dancing

Discos are interesting places to dance, drink, and meet new people. Most discos have substantial cover charges, though some are free weeknights.

Ahmed's Discotheque (96WinthropStHarvardSq,876-5200) Subterranean discotheque. Belly dancing on Wednesdays. Cover varies. They also serve French/Moroccan food before 10pm.

The Ark (835BeaconStBoston,247-9545) Inexpensive and loud. Most of the patrons are non-MIT college students. Cover: $2 T-Sat.

Buddies (733BoylstonStBoston,262-2480) Gay disco and lounge. Cover $1-2.

Jason's (131ClarendonStBoston,262-9000) Restaurant and disco. Piano bar, dress code. No cover.

Narcissus (KenmoreSq,536-1950) Latin Disco. Plush interior, good light, sound show. Cover varies. Look for college nights.

Spit (13LandsdowneStBoston,262-2437) Yes, Virginia, there is a punk disco.... Cover: $2-4.

Spinoff (145IpswichRdBoston,262-6132) Roller skating to disco and rock. Great fun for groups.

Styx (31HuntingtonAveBoston,247-3910) Back Bay gay men's disco.

1270 Club (1270BoylstonStBoston,437-1257) Highly recommended disco for gay men and women. New wave bands Wednesday nights (not a gay night). Cover $1-3.

Non-MIT Athletic Facilities

Bowling

Many Bostonians believe that bowling (they call it candlepins) consists of trying to knock down a bunch of wooden dowels with three under-sized balls.

If this is what you want, there are dozens of alleys in the area, check the *Yellow Pages*. If you want tenpin, it is a little harder. There is currently only one place nearby except the Student Center to go.

Sammy White's Brighton Bowl (1600SoldiersFieldRdExtBrighton,254-0710) this place has both kinds of bowling, and on Friday and Saturday nights has an all you can bowl special which can get pretty inexpensive. Generally a hangout for local kids. Easy to get to as long as you have a car.

Ice Skating Rinks

Boston Arena Authority (238StBotolphStBoston,267-3810)

MDC Rink (SomervilleAvSomerville,623-9717)

Roller Rinks

Roller rinks are a definite problem without a car. Even *with* one, the closest is about 25 minutes away, if you don't get lost. The few rinks around are listed in the *Yellow Pages*. Probably a better bet is to borrow a pair of skates from a friend or rent some from one of many small shops or trucks near Boston University or the esplanade in Boston or in Harvard Square; in particular, **Roller Power** on Mt. Auburn Street in Harvard Square and **Wheels** on Newbury Street in Boston. The Esplanade, the Boston Common and between the river and Memorial Drive in Cambridge are all good places to skate without worrying about cars. Watch out for bicycles and joggers, though.

Pleasure is the Beginning and the end of living happily.

— Epicurus

Spectator Sports

Boston has major league baseball, basketball, football, and hockey teams, along with an impressive number of collegiate teams, semi-professional, and special groups. For quick information about yesterday's local and national games, call the Boston Globe Score Board anytime (265-6600). For more detailed information, call the Sportsline, which is a 50¢ call (1-900-976-1313).

The **Red Sox** *specialize* in frustrated fans. They are always near the top of the American League East. They have star players such as Carl Yastremski and Jim Rice and enjoy fanatic support from the Boston fans. They play at Fenway Park, which is near Kenmore Square — convenient by foot or subway, guaranteed traffic jam by auto. For more information, call 267-8661.

The **Celtics** have been NBA World Champions 14 times in 36 years. Coach Bill Fitch leads Larry Bird, Cedric Maxwell, Robert Parish and company. The most watched team in Boston last season, the team was sold out for **well over** three quarters of its games. The Celts play in ancient Boston Garden, located over North Station and easily acessible by subway. Buy your tickets early, especially if you want to see them play the Sixers, Bulls, Rockets, Lakers, Bucks, or Suns. For tickets and more info call 523-6050.

The **New England Patriots** have plenty of rude fans and feature expensive tickets. Last year they one a total of one game for the worst record in football. Their draft picks this year should help their success rate. Home games are played at Schaefer Stadium in Foxboro. For information and tickets, call the club at 262-1776. Round trip rail fare to the stadium from South Station is only $3. Call 482-4400 for more information.

The **Bruins'** fan support has been reduced since Bobby Orr retired. The Bruins always reach the play-offs (but so does everyone else), but generally lose to Montreal or the Islanders. The Bruins, like the Celts, play in the Boston Garden. Tickets are available by mail at the beginning of the season, and at the box office starting a few weeks before the game, if there are any left. Watch the papers for announcements of sales dates, or call the box office at 227-3200.

The **Boston Marathon**, run each year on Patriot's Day (in mid-April), draws large numbers of both competitors and spectators. Information starts appearing in the papers months before the race.

For women only, there is the ten kilometer **Bonne Belle** road race in the fall.

Other sporting events in Boston include horse racing, which draws bigger crowds than any other sport. **Suffolk Downs** racetrack features harness racing in the fall, flat racing in the spring. It is easily accesible by car or by MBTA, as is **Wonderland**, the greyhound racing center. During the summer there is harness racing at **Foxboro**, located south of Boston on Rt 95.

But the meat of spectator sports around Boston lies in the collegiate teams which compete in every imaginable sport, including tiddly-winks. Those collegiate events which draw the greatest crowds include football at Harvard and Boston College, basketball at the same two schools and hockey and crew races in general (especially the Head of the Charles in early November). This specific listing is not meant to belittle anything not mentioned, merely to point out the most obvious popular events.

After they've been exposed to MIT a few years and get into activities and athletics, a lot of them really blossom. I mean, the change is remarkable. It seems that they're a lot more normal as seniors than they were as freshmen.

— MIT grad student as quoted in *Sports Illustrated* article on sports at MIT.

If God had meant Man to walk, He wouldn't have invented roller skates.

— Willie Wonka

Outdoor Recreation

Although a metropolitan area, Boston is not far from a large variety of outdoor recreation facilities. All of New England from Cape Cod to the Canadian border is within a few hours' drive, and the variety of possibilities open to people who enjoy the outdoors is impressive.

The **Metropolitan District Commission** (MDC,20SomersetStBoston,727-5215) has information on boating, beaches, public pools and skating rinks. It also manages the major parks and the Blue Hills Reservation, which is a ski area in winter, and a popular picnic resort in the summer. Write them for a copy of their excellent map.

Fishing and hunting information comes from the **Massachusetts Fisheries and Game Division** at 727-3151.

There are a number of nature reserves owned by the Massachusetts chapter of the **Audobon Society** that are well worth visiting. Information on them can be obtained by writing the Society at Rt118 in Lincoln, MA.

Beaches

The MDC operates **Revere** (in the north) and **Wollaston** (in the south) Beaches, which are unimpressive and cruddy, but reachable by MBTA. **Nantasket** Beach. is basically an amusement park, a watered down Coney Island. Nantasket is accessible by boat from Rowe's Wharf on Atlantic Avenue.

General MDC information is available at 727-5215.

The more popular (and better) beaches are further along the coast, and one needs a car to get to them.

On the North Shore: **Crane Beach**, off Route 1A in Ipswich, charges $5.50 per car on weekends and $2.50 on weekdays. **Wingaersheek Beach** in Ipswich Bay, charges $4 on weekends. **Plum Island** is a long and beautiful beach with limited but cheaper ($1 per car) parking. **Nahant** on a peninsula just north of Boston, is nice and close by, but (as a consequence) often crowded. **Caution:** The water on these North Shore beaches wouldn't melt an iceberg.

On the South Shore: **Nantasket Beach** has an amusement area, and **Duxbury Beach** is 35 miles south of Boston off Rte3. Further south are **Cape Cod** with infinite beaches, and **Nantucket** and **Martha's Vineyard** islands.

On **Cape Cod** there are several peculiarities to be noted. First, the rush day for this place is Sunday, when all of Boston deposits itself on the Cape. Since the road facilities for getting on and off the Cape are limited, massive jam-ups result in the evening when everyone tries to go home simultaneously. The obvious solution is to go on a weekday, but if that proves impossible you can avoid the rush by starting at about 6am and heading home not later than 2:30pm, which takes quite a bit of willpower. Also, the best beaches in terms of water conditions are **Nauset** and **Coast Guard** on the eastern shore of the Cape. Since they, like everywhere else, quickly get crowded, you may have to walk one or two miles from the parking lot (north on Nauset, south on Coast Guard) to avoid solidly packed people. The **Cape Cod National Seashore** is undeveloped, but much less crowded.

Ferries run to the islands. The best way to get around once you're there is by bicycle. They can be rented on the island. However, the quality of the rented bikes varies, so bringing your own is a better idea.

If you go to the beach during June or July, bring along some bug dope (insect repellent) or you will be eaten alive.

The MDC maintains public beaches for fresh-water swimming at **Upper Mystic Lake** in Winchester and **Houghton Pond** in the Blue Hills Reservation in Milton. **Walden Pond** in Concord has a public beach run by the state.

Canoeing

There is an excellent place to canoe within reach of public transportation. The **Charles River Canoe Service** (527-9885), open mid-April through October, is near MBTA Riverside station, and rents canoes on the surprisingly beautiful upper Charles River. **South Bridge Boat House** (369-9438) also rents canoes on the Sudbury River in Concord, within walking distance of the Concord railroad station (less than an hour's ride from North Station). The MIT Outing Club (W20-461,x3-2988) rents canoes and runs flat and white water trips. The Appalachian Mountain Club also sponsors trips, and publishes a guide to canoeing in New England.

A heart full of courage and cheerfulness needs a little danger from time to time, or the world gets unbearable.

— Friedrich Nietzsche

Hiking, Mountain Climbing, Backpacking, Etc.

New England abounds in beautiful mountains and interesting trails. The **White Mountain National Forest** in New Hampshire, the **Green Mountains** in Vermont, **Baxter State Park** and **Acadia National Park** in northern Maine are areas especially worth visiting. Although the mountains in the Northeast are small by Western standards (the highest, Mt Washington, is 6288 ft), they should not be belittled. Treeline is about 4500 ft, so there are many open ridges, and many of the trails are steep and rough. Severe New England weather (Mt Washington holds a record for its 231 mph gust) adds to the challenge. Even during the summer the weather in the mountains is violent and highly unpredictable. Take a map, compass, and adequate clothing before venturing out there.

The **Appalachian Mountain Club** (AMC,5JoyStBoston,near the Common,523-0636) maintains hiking trails and shelters throughout the Northeast. They publish maps and guidebooks to the area which are sold there, at outdoor specialty shops, and at The Coop.

If you're contemplating almost any kind of outdoor activity (hiking, backpacking, rock climbing, canoeing, bicycling, crosscountry skiing, snowshoeing, or ice climbing) the place to go for information is the **MIT Outing Club** (MITOC,W20-461,x3-2988). They sponsor trips, have up-to-date information and good advice, and even rent equipment to members or people on club-sponsored trips. They also have two cabins in New Hampshire (one in Intervale and one near Plymouth) that are often used for club trips and may be rented by other MIT groups. MITOC meetings are held Monday and Thursday 5-6pm. New members are always welcome. Sign-up sheets for trips are posted on the club's bulletin board next to the Medical Department.

Other organizations that run trips and give beginner's classes are AMC, **Sierra Club** (373HuronAvCambridge,869-9330), and **American Youth Hostel** (251HarvardSt Brookline,731-5430).

Other outdoor clubs at MIT are:

MIT Equestrian Club — (3-8031) Sponsors ride every week.

MIT Soaring Association — (33-222,x3-2278) Free instruction to anyone in MIT community. Meets third Thursday of each month, 7:30, Student Center.

MIT Scuba and Skin Diving Club — For information, call the swimming pool (x3-4489).

For hints on buying equipment, see **Outing Equipment** under **Shopping**. It's also a very good idea to contact someone in the appropriate MIT club for advice.

Everything is sweetened by risk.

— Alexander Smith

Golf

The Boston area does not have many good public golf courses, and most are rather far from MIT. The better courses include **Brookline Municipal** (expensive unless you live in Brookline), **George Wright** in Boston and **Ponkapoag** in Canton (which has 36 holes and low greens fees). There are also a number of privately-owned courses with daily fees; these are usually more expensive but better-kept. **Stowe** has 36 difficult holes and **Powderhorn** is a good par 3 course in Lexington.

Hacking

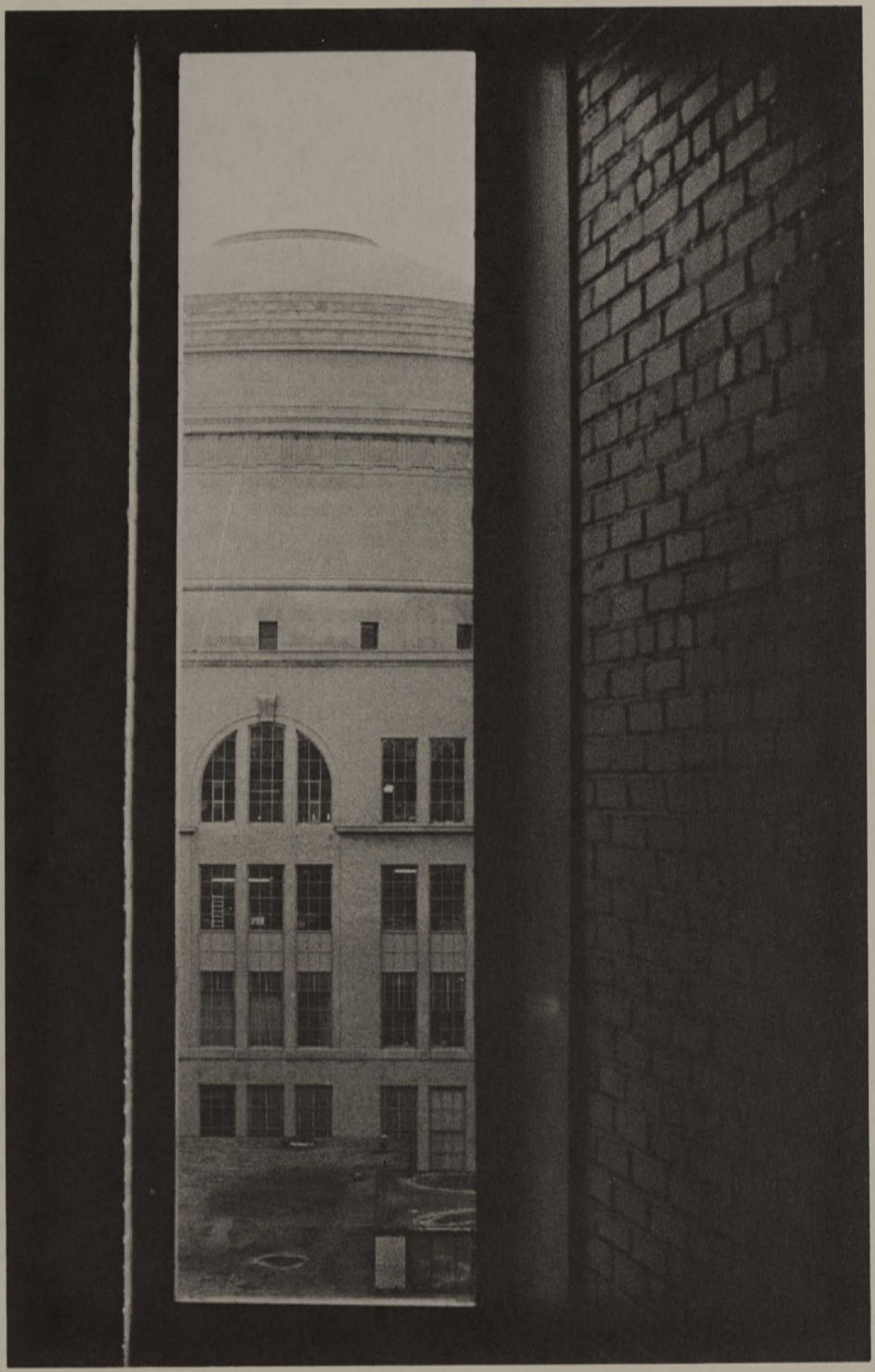
Hacking (v, from the sense of doing something repeatedly). 1. Doing something slightly gnurdly for pleasure, usually used in the sense of being a Course [mutter] hacker. 2. Playing a harmless practical joke on the community, such as staging a commando raid on a classroom to steal the professor's can of soda. 3. Institute Hacking: an attempt by students at MIT to understand the creature that has swallowing them. See below.

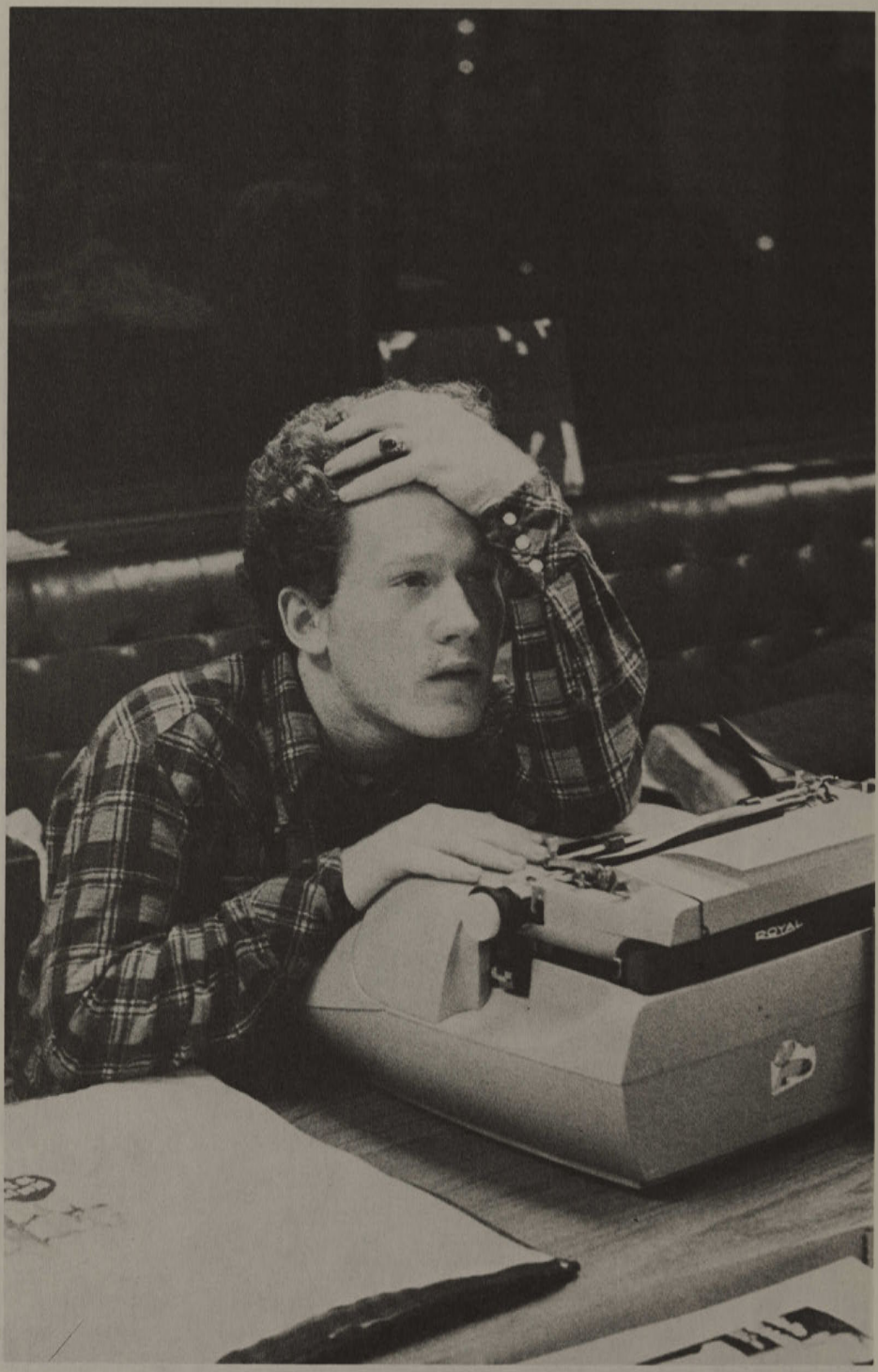
Question: Why hunt for obscure locations in a building? Answer: Because they are there! Institute Hacking is one of the most popular sports at MIT. In its most basic form, it consists of exploring the corridors, basements, tunnels, and rooftops of the campus. (The Campus Police are currently enforcing a $50 fine if you're found on the roofs fo some buildings.) As the hacker becomes bored with these, the goal becomes one of finding places where nobody has been before, or getting to some of the most difficult of the old favorites, such as the top of the Great Dome. In fact, it's hard to stop an experienced hacker.

Definition 3 often overlaps with definition 2; there is usually at least one example of this at the Freshman Picnic.

No pleasure endures unseasoned by variety.

— Pubilus Syrus




ROYAL

Out to Lunch

Boston is abundantly supplied with restaurants that range in quality from superb to dreadful and cover the entire range of prices. Quite a few places are not listed because they are small and don't advertise or they are too far from campus for most people. However, the list that follows is respectable and should keep you busy for a while. All of the restaurants have been checked within the last year. Where possible we have included the address, phone number, and nearest MBTA stop. Prices are accurate only to a first approximation and do not include tips, tax, or booze. The meals tax is 5%, and take-out orders are taxed too. The standard tip is 15%. If you have in mind a specific type of restaurant, check the index below and then look in the alphabetical descriptions. Enjoy your night out, and if you have updated information, send it to us at TCA. (Forms in back of book.)

For more information about restaurants in the Boston area, see the reviews in *B.A.D.* (distributed free in the Student Center each week) or the book *Cheap Eats* (sold in the Coop), or the *Boston Phoenix Guide to Eating Out*. [No not *that* kind of eating out.]

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Charlie's Kitchen
Crossroads
Elsie's
Ken's Pub
Mississippi's
No Name
Paco's Tacos

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Colleen's Chinese Cuisine
Golden Gate
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Hunan Restaurant
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Joyce Chen's Restaurant Fresh Pond
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Deli

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Hungry Persian
Middle East Restaurant

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Bel Canto
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Crossroad's
Despina's Place
Dino's
Friendly Eating Place
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Pizzaria Uno
Regina's Pizza
Sydney's

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Grendel's Den
Mississippi's
Newbury Steak House
Stockpot
33 Dunster St.

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Chowder House
Dini's
Dolphin Seafood
Half-Shell
Jimmy's Harborside
Jonah's on the Terrace
No-Name Restaurant

Vegetarian
Last Chance Cafe
The Stockpot

Restaurant Descriptions

Acropolis (1680 Mass Av Cambridge, 492-0900, Bus: 77 from Harvard Sq) M-F, 4-11:30pm, Sat. 11:30-11:30. Accepts American Express, Diner's Club, Mastercard. Standard, tasty, Greek food.$6-9.

Aegean Fare (539CommAvBoston,MBTA:Kenmore) For $4-6, you get enough Greek food to keep you happy. The food is edible, but nothing special.

Aku-Aku (390CommAvBoston,536-0420,MBTA:Kenmore) Sun-Thurs 5pm-3am, Fri-Sat 5pm-4am. Overpriced soups, but the Aku platter (of appetizers) makes up for it. Drinks are nice and tasty with reasonable kick, and the food is good, but not great. Atmosphere and service make it worth a try. Go in a group of four or more to best enjoy this restaurant.

Al Capone's (CnrBeacon&CommAv,267-0606,MBTA:Kenmore) Pizza, open 'til 2am, 3am sometimes. Not awful, at late hours. Good pizza. Convenient to many fraternities.

Al Capone's (Blackstone Street, Haymarket) Not to be confused with the place in Kenmore Square — this place makes some of the best pizza in the city. Well worth the trip, and the perfect lunch for a Saturday Haymarket expedition, if you don't mind the crowd.

Allston Depot (353CambridgeStAllston,783-2300MBTA:UnionSqBus) Noon-1am every day. Nothing special, but good "American" restaurant. $6-12, nice steaks, lousy desserts. Credit cards accepted.

Allston Tower of Pizza (178HarvardSt,Allston,254-1600) Edible, delivers. Open 'til 3am.

Amalfi Cafe (10WestlandAvBoston,536-6396,MBTA:Symphony) Good wine list provided in this *good* Italian restaurant. Atmosphere is very pleasant. Open 7 days/week. Count on $10 per person.

Another Season (97MtVernonSt,367-0880,MBTA:Charles) Mon-Thurs 5:30-10:30pm, Fri-Sat 5:30-11pm. $7-12 for good food. Menu changes weekly, but always has some chicken, vegetarian, beef and seafood dishes. Desserts worth eating. Reservations accepted, as are Mastercard and Visa.

Anthony's Pier Four (140NorthernAvBoston, 423-6363,MBTA:SouthStation&City-Points Bus) Open every day, jackets required, no reservations. $7-16 for dinner in a very famous seafood restaurant. **Tourist Trap**. Wait on line guaranteed (at the bar, where drinks are priced exorbitantly). Yes, they accept plastic money.

Athens-Olympia (51StuartStBoston,426-6236,MBTA:Boylston) 11-11 except only 'til 10 on Sundays. $6-10 for good food you can get for half the price at a Cambridge Greek restaurant. Located in the Combat Zone, service is very good and speedy if you tell them you want to make a curtain deadline in the nearby theatre district.

Autre Chose (1105MassAvCambridge,661-0852,MBTA:Harvard-Brattle) 9am-3pm, 6-10pm every day. Reservations accepted, but not necessary. Superb French food. $5-12 and worth it all. Nice wine list, and you can drink beer, if you must. Cocktails reasonably priced. Mastercard & Visa accepted.

Bailey's (21BrattleStCambridge,354-2772,MBTA:Harvard-Brattle,26TemplePl Boston,426-4560,MBTA:ParkSq) Reasonable ice cream, but this reviewer sees no reason ever to go there.

Bel Canto (928MassAvCambridge,547-9680,MBTA:MassAvBus) Also on Somerville Ave., Union Sq., Somerville.11:30-11:30 Mon-Sat , 11:30-10pm Sun. $2-5 for Sicilian pizza or calzones. Very good food with interesting combos available.

Benihana of Tokyo (201StuartStBoston,542-1166,MBTA:Arlington) Slightly expensive, but the food is good. The show (Teppan-style cooking) is excellent. Japanese/Steak house. Credit cards accepted.

Bob Lee's Islander (20TylerStBoston,542-3997,MBTA:Essex) Open 'til 2am nightly. Polynesian food that is always in overly-sweet cherry sauce. $4-$10. Drinks are their specialty.

Boca Loca (14bWestlandAvBoston,MBTA:Symphony)Small but excellent menu of authentic (and incredibly hot if you want) Mexican fare. The place is small, too, but the short wait is worth it.

Buddy's Sirloin Pit (39BrattleStCambridge,864-4470,MBTA:Harvard-Brattle) Mon-Sat 11:15-9pm. Burgers and steaks. Adequate food, very inexpensive. Good place to go if hungry and broke. $4. Actually, Charlie's Kitchen is better and cheaper.

Cabot's (743WashingtonStNewton,964-9200,CarNeeded) Creative concoctions. Sundaes ranging from $1-3 are very good. On two days notice, they will create any-sized anything. Rates with the best.

Cafe Budapest (90ExeterStBoston,734-3388,MBTA:Copley) Mon-Thurs Noon-3pm, 5-10:30pm, Fri-Sat Noon-3pm, 5pm-midnight. Sun 1-10:30pm. Hungarian, One of the five best restaurants in Boston. $10-20 (Don't pass up the cold cherry soup). Dress up and don't forget your reservation.

Cafe Florian (85NewburyStBoston,247-7603,MBTA:Copley) Mon-Thurs 11:30-midnight, Fri-Sat 11:30am-1am, Sun Noon-6pm. Nice, simple little coffeehouse. Light meals are the emphasis, yet complete five course meals available at $7.50-12. Nice desserts, quick service. Beer served in cold mugs; in winter, hot spiced wine served.

Cafe Promenade (inTheHotelColonnade,120HuntingtonAvBoston,261-2800, MBTA:Symphony) Superb food $6-12, good wine list. Trout is maybe best in Boston. Beef, fish, veal, salads, whatever you want they have. Excellent desserts. One of the best meals for your money in town.

Campus House of Pizza (239MassAvCambridge,547-2208) Open 'til midnight, this sub/pizza shop is a cheap quick meal. The former "greasiest pizza in town" is still greasy, but quite edible. They don't deliver, but will take orders over the phone to speed up your meal.

Casa Mexico (74WinthropStCambridge,491-4552,MBTA:Harvard-Brattle) Mon-Thurs Noon-2:30pm, 6-10pm, Fri-Sat Noon-2:30pm, 6-11pm, Sun 6-10pm only. High quality Mexican restaurant. Good varied menu, excellent appetizers $6-10, service is neither bad, nor good. Not a taco stand! Reservations available M-F, and credit cards are accepted.

Charlie's Beef and Beer (1688MassAvCambridge,354-8602,Bus:77fromHarvardSq) Decent food for a bar. $2-4. Worth it when you're looking for a cheap meal and talk. 11am-1am every day.

Charlie's Kitchen (10EliotSt,354-9659MBTA:Harvard-Brattle) 8am-11:30pm every day. Best cheap meal in Boston! $2 buys two hamburgers, fries, salad, and change back. Good sandwiches as well. No environment downstairs, Advent TV upstairs.

Chart House Restaurant (60LongWharfBoston,227-1576,MBTA:Aquarium) 4-11pm except Fri-Sat 4-midnight. Standard American restaurant, except *nothing* to complain about. Good chowder, steaks, reasonable drinks, no reservations, $6-12. Expect to wait on line with young executive types.

Chez Jean (1ShepardStCambridge,354-8980,MBTA:HarvardSq) French food. Reservations recommended, as well as a jacket and tie. $5-$12. Closed Sundays and Mondays.

Chi-Chi's (1001 MassAveCambridge,491-2040,Bus:1from Dudley)Huge amounts of slightly bland Mexican-American dishes, however, two people can get stuffed for under $10. Worth at least one trip.

Chowder House (827BoylstonStBoston,536-6014,MBTA:Copley) $4-10. This is a nice Dolphin Seafood. Excellent chowder, large portions.

Colleen's Chinese Cuisine (792MainStCambridge,661-1660, WalkingDistance from-MIT) No credit, yes good. Fri-Sat 11:45-2pm, 5pm-10:30pm, Mon-Thurs, 5-9:45pm. Good dishes with nice subtle sauces. Could be spicier, but still very flavorful. $6-$10.

Crossroads (495BeaconStBoston,nearMassAv,262-7371,MBTA:Auditorium) $2-5, good inexpensive food walking distance from campus. (CnrMassAv&Beacon) Large portions. Primarily Italian dishes and pizzas.

All arguments about pi are circular

— Prof. Jody Bostock

Davio's (269NewburyStBoston,262-4810) Sun & Mon 4:30-midnight. Tie and jacket, Italian restaurant. $8-15 with wine. One of the better Back Bay eating places. **Try it, you'll like it**. Reservations and credit cards accepted.

Deli-Haus (476CommAvBoston, 247-9712, MBTA: Kenmore) $3-7 for best sandwiches in area. Generous servings, open late.

Despina's Place (47AMassAveBoston, 536-1577, MBTA:Auditorium) Cited #1 in *The Tech*'s 1981 pizza survey. Good thin-crust pizza for not very much money.

Dini's (94TremontStBoston,227-0380,MBTA:Park) Open every day, very filling delicious food. Specialty is seafood, but meat is also ace. Service is impeccable. Jeans discouraged. $7-11

Dino's (51AMassAveBoston, 266-6381, MBTA:Auditorium) Right next door to Despina's, similiar fare, similiar prices, though not quite as good, some say. Try it yourself.

Du Barry's (159NewburyStBoston,262-2445,MBTA:Copley) Mon-Fri 11:30-2:30pm, 5-9pm, Sat noon-3pm, 5-9:30pm, Sun 5-9pm. Good, inexpensive French food. Extensive menu, $6-10. Make a reservation and if you want to drink, bring ID. Credit cards accepted.

Durgin-Park (30NorthMarketStBoston,227-2038,MBTA:Haymarket) Mon-Sat 11:30-9:30pm, American Express only credit card accepted. No reservations, long lines. *Delightful* food, good roast beef and seafood. **Rude** waitresses (but that's a trademark). $4-12. If service gets to you, have a drink, they're good!

El-Azar (MassAvbetweenHarvardandPorterSquares) Authentic Lebanese home style cooking, prime ingredients, good atmosphere.

El Phoenix Room (1430CommonwealthAvBrighton,566-8950,MBTA:BostonCollegeGreenLine) Mon-Thurs 11-10pm, Fri-Sat 11-11pm, Sun noon-10. $3-6. Loud environment, but good service. Good Mexican food with bite. Good beer selection.

Elsie's (71aMtAuburnStCambridge,354-8781,MBTA:Harvard-Brattle) Generous, tasty sandwiches. Very cheap. A landmark for Cambridge college students. When you go, get a card ($5.50 worth of food for $5, no tax as well).

Emack & Bolio's (1726MassAvCambridge,354-8573,290NewburyStBoston,247-8722,MBTA:Auditorium,1350MassAvHarvardSq) Among the top four homemade ice cream shops. Better flavor (sometimes) than Steve's or Joey's, but inferior toppings and creaminess. Also more expensive.

European Restaurant (218HanoverStBoston,523-5694,MBTA:Haymarket) Every day 11am-12:30am. Large Italian restaurant with deservedly famous pizza, and really good clam sauce on pasta. Lines are common. Most of the food (aside from pizza) is only fair, but cheap. Credit cards accepted.

F and T Deli (304MainStCambridge,547-3674,MBTA:KendallSq) Take a break from commons for $2-4. Food does not come back at you, so what's there to lose?

Felicia's (145a RichmondStBoston,523-9885,MBTA:Haymarket) Mon-Sat 5-10pm, Sun 2:30-9:30pm. No reservations, only credit is American Express or Diner's Club. $8-15 for outstanding food. Only Francesca's (next door) is better!

Ferdinand's (121MtAuburnStCambridge,491-4915,MBTA:Harvard-Brattle) Mon-Fri 11:30-2:30pm, Sun 12-3pm, Sun-Thurs 5-10pm, Fri-Sat 5-11pm. Major credit cards accepted. *Fair* restaurant, at best. Tries to be a classic French establishment. $8-20.

Francesca's (147RichmondSt,NorthEnd,523-8826,MBTA:Haymarket) Tues-Sun 12:30-10:30pm. No reservations. American Express accepted. $9-15. The *best* Italian food anywhere! Specials are a good bet. Cannolis should not be missed. Also, the second time, the strawberry shortcake, which is freshly made with fresh strawberries, is highly recommended. There is nothing bad on the menu!

Friday's (26ExeterStBoston,266-9040,MBTA:Copley) 11:30-midnight every day. Long lines to get into the bar, where you wait for a table to dine at. Drinks expensive, but it's all worth it. The food is reasonably priced, if not inexpensive and *excellent*. $5-10. Good for meeting people at the bar.

Friendly Eating Place (985MassAvCambridge,354-3245,MBTAHarvard-Brattle) Sun-Thurs 11am-1am, Fri-Sat 11am-2am. Pizza, grinder shop with good spaghetti and Greek salads. $1.50-8. Large junk pizza is $7.75.

Friendly's (CharlesRiverPlaza,742-2372,MBTA:Charles) Also Fresh Pond. Brigham's, only much better. Good food (for that price and style) and nice ice cream novelties.

George and Nick's Steak House (569MassAvCambridge,354-9700,MBTA:Central-Sq) $3-8 for good cafeteria-style fast food, Greek style. A worthwhile meal!

Golden Gate (66BeachStChinatown,426-5022,MBTA:Essex) Good, no nonsense, greasy spoon Cantonese food. Very inexpensive, with rice plates ($2-$3) the best buys.

Grendel's Den (89WinthropStCambridge,491-1757,MBTA:Harvard-Brattle) Sun-Thurs 5-10pm, Fri-Sat 5-11pm. Major credit cards accepted. BYOB. French, Italian, & Middle Eastern food available for $3-9. It's definitely an experience.

Ground Round (1712MassAvCambridge,547-9357MBTA:Bus77 fromHarvardSq,PrudentialCenterBoston,247-0500,MBTA:Prudential) Mon-Sat 11:30-midnight, Sun noon-12:30am. Mastercard & Visa accepted. $3 and up. A varied menu with meat, poultry, & fish the best deals.

Half Shell Restaurant (743BoylstonStBoston,423-5555,MBTA:Copley) Nice seafood restaurant. $6-$12. Average service, food, etc. with a few good specials (cheap) daily.

Harvest Restaurant (44 Brattle St Cambridge, 492-1115, MBTA: Harvard-Brattle) 11:30-3pm, 6-10pm every day. Credit, reservations available. Very chic. Entrees range in price from $8-12, with good duck and lamb, as well as reasonable beef. Good desserts, featuring alcoholic pastry.

Hava Nagila Israeli Restaurant (280CambridgeStBoston,523-9838,MBTA:Charles) Seven days/week 11:30-midnight, for $3-8. You get Middle Eastern type food, but better than most anywhere else. Topnotch service, except a bit pushy for you to have a beer or glass of wine.

Hen-Ho (266NewburySt,267-1157,MBTA:Copley) Mon-Sat 11:30-2:30pm,5-10pm. Reservations, as well as Mastercard and Visa, accepted. Vietnamese food. Good. One should try their beef with lemon grass or the Hen-Ho beef. $5-$10.

Hermitage (951BoylstonStBoston,267-3652,MBTA:Auditorium) Sun-Thurs 6-10pm, Fri-Sat 6-11pm, Sun noon-3pm, Tues-Sat noon-2:30pm. Russian food, $10-20, **very tasty** from the appetizer to the entree to dessert. Very enjoyable experience.

Hi Fi Pizza (496MassAvCambridge,354-9673,MBTA:Central) Edible pizza, subs, no delivery, open 'til 3am.

Hilltop (Rte1,Saugus) Must drive there. Steak & seafood & steak & crowds & steak. Cash only. Strong drinks, $1.90, meal worth $12 or more for $9. Expect a line, but it moves fast. This place seats 1400 people comfortably.

House of Roy (29TylerStBoston,338-8882,MBTA:Essex) Fine Cantonese restaurant. Very good for groups. $4-8 for decent amount of food. Credit cards welcome.

Hsing Hsing (546MassAveCambridge,547-2299,MBTA:Central) Good Mandarin-Szechuan restaurant, $5-8.

Hunan Restaurant (700MassAveCambridge, 876-7000,MBTA:Central) 12:30-10pm every day. Fair Mandarin-Szechuan restaurant. $7.50 average for main course & appetizer. Try their all-you-can-eat buffet instead. Fine selection of exotic drinks.

Hungry Persian (14ElliotStCambridge,354-9015,MBTA:Harvard-Brattle) Mon-Wed 11-10:30pm, Thurs-Sat 11am-11:30pm, Sun 5-10pm. Under $5. excellent vegetarian dishes. Sandwiches are pretty good, too. Meat dishes lose. If a large group wants Middle Eastern cuisine, call them up and make a reservation.

India Restaurant (1780MassAvCambridge,354-0949,Bus:77fromHarvardSq) Every day 5-10:30pm. Credit cards accepted. BYOB. $4-10 for very palatable Indian food. Interesting menu.

IHOP (International House of Pancakes) (1850Soldier'sFieldRd,Brighton,787-0533,619ConcordAvCambridge,547-9650,149HarvardStBrookline,566-5617) Late night heaven. Reasonable priced, large servings. Pancakes, burgers, omelettes, $4.

Iruna (56BoylstonStCambridge,868-5633,MBTA:Harvard-Brattle) Mon-Fri noon-2pm, Mon-Thurs 6-9pm, Fri 6-10pm, Sat 1:30-10pm. This Spanish restaurant has one of the most interesting and appetizing selections of food. For under $10, you can get a great meal consisting of nothing you ever had before. For $2.50, you can get a quart of their homemade sangria.Extremely crowded, be prepared for a long wait.

J.C. Hillary's Ltd (793BoylstonStBoston,536-6300,MBTA:Copley) Sun-Thurs 11:30-midnight, Fri-Sat 11:30am-12:30pm. Very pleasant, not cheap, Gay 90's-ish place that is very "in-vogue". $4-8. Worth going to, especially on dates. Credit cards accepted.

Jacob Wirth (31StuartStBoston,338-8586,MBTA:Boylston) Mon-Thurs, 11:30-midnight, Fri-Sat 11-11pm $4-10. Germanesque restaurant with good food from sandwiches to Prime Rib. Excellent strudel. Lunchtime crowds can be annoying.

Jimmy's Harborside (248NorthernAvBoston,423-1000,MBTA:SouthStation) Mon-Sat 11:30-9:30pm. **The** high class seafood restaurant. The appetizers are perfect in taste and freshness. There are nine different lobster dishes, ten fresh seafood choices, and spectacular desserts. The side vegtables and sauces are horrible, however. Atmosphere is touristy. $20, if you have a large appetite. Credit cards are accepted; as are reservations, except on weekends. The view from the dining room is very nice.

Joe Tecce's (53N.WashingtonStBoston,742-6880,MBTA:Haymarket) Every day 11am-1am, no reservations, all credit cards accepted. Good, not great, Italian restaurant, $5-7. No desserts. **Warning**: there is no sign in front of the restaurant, it's a blue brick building on the corner of Washington & Cooper.

Joey's Homemade Ice Cream (1161BroadwaySomerville,623-9013) Toscanninni's may have better ice cream, nobody else does. Joey's has the best toppings (fudge especially) anywhere in Boston. Marvelous experience. Make your own sundaes!

Jonah's (575MemDrCambridge,inHyattRegencyHotel,492-1234) This hotel restaurant does some pretty interesting things to seafood, and charges you for the privilege of tasting nice-sized portions of them. $10 minimum. For the view and atmosphere I recommend it (the food's good), but for great seafood, there are many better places. Their all-you-can-eat Sunday brunch, at $17 a person is worth it. From scrambled eggs to seafood newberg and everything in between. Fast a day or two first.

Joyce Chen's Restaurant (390 Rindge Av Cambridge, 492-7373, Bus: 83 from CentralSq) Sun-Thurs noon-10:30pm, Fri-Sat noon-11:30. Nice cozy restaurant, $6.50. Chinese food with very nice flavors. Fun for a group.

Joyce Chen's Small Eating Place (302MassAvCambridge,492-7272,MBTA:Central) Reservations accepted. Cheap, Americanized, Chinese food. Filling and priced for *students*. $5-$10.

Kabuki (24PearlStCambridge,491-4929,MBTA:Central) Tues, Thurs-Sat 5-9pm. Family run Japanese restaurant where food will be served until you're full for less than $7. Excellent sushi. Fine cheap meal in cute restaurant.

Kabab-n-Kurry (30MassAveBoston, 536-9835, MBTA:Dudley Bus) Not-so-wonderful Indian food, but cheap and different.

Ken's at Copley (549BoylstonStBoston,266-6149,MBTA:Copley) Every day 7am-2:45am. No credit cards, full bar. Excellent deli, slightly overpriced. Great desserts and breakfasts. $3-8 (depending on how hungry you are!)

Ken's Pub-Cambridge (684MassAvCambridge,868-5640,MBTA:CentralSq) If you're looking for cheap, decent food, this is a good choice. Service can be slow, or non-existent, or (occasionally) good. Their lunch and dinner specials are most worthwhile. Mastercard and Visa accepted. Pint-sized drinks.

King Wah (29BeachStBoston,426-2705,MBTA:Essex) Very good, dependable Cantonese food. Open 'til 4am, $3-5. Pastries worth a try, as well as the food.

Kon Tiki Ports (39DaltonRdBoston,262-3063,MBTA:Prudential) Every day 11:30-3pm, 5-11:30pm. All credit cards welcome, reservations accepted. Once you get past the bar, which serves tasty exotic drinks, you end up in a most interesting Polynesian establishment with an extensive menu of reasonable food. $8-15 for a complete dinner. Drinks are their strong point, there is no weak point.

There's many a slip 'twixt the cup and the lip.

— Robert Burton

Korea House (20PearlStCambridge, 492-9643, MBTA:CentralSq) Traditional homestyle Korean food, which means large, filling soups and quite spicy (and non-greasy) mixes of meat, vegatables, and rice. Excellent food for $5-8. A refreshing change from Mass Ave Chinese food.

Kyoto (267HuntingtonAvBoston,536-9295,MBTA:Northeastern) Small Japanese restaurant with emphasis on *nabe* (casserole) dishes. Good sushi and sashimi. Very friendly service. $5-11.

La Groceria (853MainStCambridge,547-9258,MBTA:Central) Mon-Sat 11am-3pm, 5-10:30pm. Very pleasant Italian restaurant with nice relaxed atmosphere, good food and drink, and not too expensive. $6-12 depending on how many courses you order.

La Pinata (16EliotStCambridge,MBTA:Harvard-Brattle) Tues-Sat 11:30-10pm, Sun 5-9pm, Mon 11:30-9pm. BYOB, not-spicy Mexican food for $5-10.

Last Chance (25CentralSqCambridge,547-8551,MBTA:Central) Every day noon-9pm. Macrobiotic, vegetarian cafe specializing in noodle, rice, and bean curd dishes. No milk used in any of the food, so it is also vegan. $2.50-4.50.

L'Espalier (384BoylstonStBoston,247-7406,MBTA:Arlington) Fabulous French food,good atmosphere, excellent service, but the small portions and the price ($15-20) make frequent visits prohibitive. Great place to take someone you want to impress.

Lily's (FanueilHallMarketplace,227-4242,MBTA:GovernmentCenter) Reasonably priced drinks, expensive French food. Food only decent. Crowded with plastic people.

Locke-Ober Cafe (3WaterPlBoston,542-1340,MBTA:Park) Mon-Sat 11am-10pm. Reservations required, as well as tie and jacket. Expensive and usually worth every penny, though the service has slipped in the past few years. Fresh ingredients and superb chefs make your $25 dinner worth a million. What can be said other than go once and you'll go back as often as you can afford it. Drinks are reasonably priced, the wine list is excellent, and the place is fit for royalty!

Lucky Garden (282ConcordAvCambridge,354-9514,MBTA:Harvard-Brattle) 11:45-10:30, Mon 4:30-10:30pm. No credit cards, or reservations. BYOB. Large menu, mostly Szechuan. Good food, very good dinner choice. $6-8 for complete dinner that's top notch. Service is very friendly.

Magic Pan (Fanueil Hall Marketplace, 523-6103, MBTA: GovtCtr; 47 Newbury St Boston, 267-9315,MBTA:Copley) Franchised crepes with sometimes floury fillings. Consistent? Yes; worthwhile? You decide!. Decent wine list. Desserts better than the main dishes. $7-12.

Maison Robert (45SchoolStBoston,227-3370,MBTA:Park) Mon-Fri noon-2:30pm, 6-10pm, Sat 'til 10:30pm. Credit cards accepted, reservations advised, expensive, but luscious. Superb fowl. Food cooked tableside in upstairs dining room. $25 easily, probably more for dinner. About half that for lunch. Wine list is exceptional.

Mandarin (334MassAvCambridge) The newest entry in the great Central Square Chinese restaurant sweepstakes. This place tries different interpretations of old standard dishes — try the crispy beef, or the orange beef made with orange sauce, not peel. Tries to undercut its competitors — lunch specials are among the cheapest in town, but exercise caution — some of the lunch plates are duds.

Medieval Manor (370CommAvBoston,262-5144,MBTA:Auditorium) Pay one price, about $21. Reservations required weeks in advance. Unlimited beer and wine. Price includes a "show." **Must go once**. Worthwhile, especially in large groups (6-15 people). Mixed drinks available for extra bucks.

'Tis not the drinking to be blamed, but the excess.

— John Selden

Middle East Restaurant (4BrooklineStCambridge,354-8238,MBTA:CentralSq) Seven days 11am-midnight. No credit. $5-7. Excellent sized servings for Middle Eastern food, or $2 for fair felafel. Lentil soup worth a try.

Mississippi's (484CommAv,Boston,247-8181,MBTA:Kenmore) Mon-Fri 11am-11pm, Sat-Sun noon-11pm. 50 clever combination sandwiches, good soup, natural ice cream, sandwiches all $2.25 or $2.65, salad for $2.95. Delicious.

Montana's (160CommAveBoston, 536-3566, MBTA:Copley) Every day 11:30-1am. Italian continental cuisine, $6-9. Scampi is great, nothing's bad. If you're out for a lunch, $2-4 for good sandwiches and platters.

Moon Villa (23EdinboroughStBoston,423-2061,MBTA:Essex) Extensive Cantonese menu. Very good and quite authentic. Black bean sauce is out-of-this-world! Open 'til 4am.

Mother Anna's (211HanoverStBoston,523-8496,MBTA:Haymarket) A good Italian restaurant open daily for dinner. The menu carries fairly standard fare, and prepares it really well. The cost is very reasonably $5-15.

Newbury's Steak House (94MassAvBoston,536-0184,MBTA:Auditorium) Every day noon-midnight. Sort of a steak house, sort of an all-American restaurant, and a reasonable salad bar. Credit cards accepted. Salad bar is $2.95 alone, $1.50 if with sandwich. Entrees come with salad bar and cost $7-12. It's close, it's not too expensive, take your folks there once.

Nine Knox (9KnoxStBoston,482-3494,MBTA:Arlington) Mon-Fri 7-9pm, Sat 6-9pm Reservations required, no credit. Limited menu, which is truly delicious. Beef Wellington is the specialty. $20 or less plus wine.

No-Name Restaurant (15½FishPier,nearJimmy's,338-7539,MBTA:SouthStation) Mon-Thurs 11-9:30, Fri-Sat 'til 10pm. No credit cards. Best seafood for the money in Boston. Most of the food is fried, lines to be seated are long, food is plentiful. $5.50 or less plus dessert. BYOB.

One Potato Two Potato (1274MassAveHarvardSq,492-7682) Mon-Sat 11am-1am, Mastercard & Visa accepted, as is going there just for drinks. Recommended for light meals. Shouldn't be more than $10 for whole meal with tax and tip.

Paco's Tacos (50BoylstonStCambridge,354-4781,MBTA:Harvard-Brattle) Seven days 11:30-1am, and BYOB. Pretty interior considering its short order style and most expensive item on menu is $3. Disposable utensils, and cheap, tasty food.

Parker House (60SchoolStBoston,inParkerHouseHotel,227-8600,MBTA:Park) Parker House is an elegant, worthwhile experience; . . . if you're willing to spend the money ($4.25 for escargots, to $33 for Chateaubriand for two). For the cheap among you (?), the Sunday brunches, at $9.50, are well worth it, with almost anything your heart desires with as much as you can eat. They accept credit cards. Reservations are advised.

Pizzeria Uno (731 Boylston St Boston, 267-8554, MBTA: Prudential; BoylstonSt Cambridge, 497-1530, MBTA: HarvardSq) Good deep-dish style pizza at a reasonable price ($4), both places always crowded.

Premier (1130WashingtonStBoston,426-2218,MBTA:Dover) Mon-Fri 5am-8pm, Sat 'til 7pm. Beer & Wine available with your good Jewish food. Good omelettes, latkes, blintzes, roast beef, corned beef, etc. Desserts are top quality, as is everything else in this cafeteria-style restaurant. Note the availability of great horseradish to garnish food. $2-4 for lots of food.

Proud Popover (FanueilHallQuincyMarket,523-6982,MBTA:Gov'tCtr) Terrible popovers with various fillings that do not enhance the starchy popover. If you're hungry in Fanueil Hall and passing by, keep on walking.

Regina Pizzeria (11ThatcherStBoston,227-0765,MBTA:Haymarket, 4HolyokeCambridge, MBTA:HarvardSq) Mon-Sat 11am-midnight, Sun 3pm-midnight. No credit, beer & wine available. $2.10 for small cheese pizza, $4.20 for large pepperoni pizza. Long lines to be expected as you wait for Boston's best hyped thin crust pizza.

Rib Room (5CambridgePkwy,in Hotel Sonesta, Cambridge,491-3600,MBTA:Lechmere) Mon-Fri 11:30-2:30pm, 5:30-10pm, Sat 5:30-11pm, Sun 5-10pm. All credit cards accepted as are reservations. This hotel restaurant has an exceptional view of Boston. Food is all marginal, except the prime ribs, which have three sizes, the largest being one pound for $11.50. With your meat you get a nice baked potato and horrendous popover. No bargains to be found at this establishment. Desserts taste like Sara Lee. For $15 a head, you decide.

Rita's Place (88WinnismmetChelsea,nearChelseaCourtHouse,884-9838) Full ten or eleven course Italian restaurant for fixed price of $14.50 plus tax and tip. This includes unlimited house wine. Reservation well in advance a must. Thurs-Sat 7-8:30pm, Sun 6:30-7:30pm. American Express is only non-cash form of acceptable payment.

Ritz-Carlton (15ArlingtonStBoston,536-5700,MBTA:Arlington) Excellent hotel food served if you have a reservation for noon-2:30pm or 6-10pm any day. Drinks are small and expensive, but it doesn't sting as much if you use your plastic money. Now for the food: Seafood is their best, soups are poor. Vegtables are evenly breaded and dried out. Desserts are priced too high. ($10 for a souffle?) Don't forget your tie and jacket!

Roka (18EliotStHarvardSq,661-0344) Most authentic Japanese food in the city. A la carte sushi bar where you can select what kind of raw fish or shellfish you want. If you can read Japanese, try ordering one of the really odd sushi specialties listed only in Japanese! Also has variations on tempura, teriaki, and the *nabe* (stewed) dishes: be careful not to over-order — one *nabe* dish can feed two people. Watch the sushi maker put on his show while you wait. Lunch specialties $2.50-4.50, dinner $5-12. Very,very crowded.

Rubin's (Harvard Av Brookline, 566-8761/731-8787, MBTA: Green Line to Coolidge Corner) Kosher deli that's good enough for New York. Enjoy it! $3-7.

There's no sauce in the world like hunger.

— Cervantes

Sanae (232a NewburyStBoston,247-8434,MBTA:Copley) Inconsistent (some of it's great!) seafood and grain restaurant. Closed Mondays. $5 will cover it all.

Savarin (156ProspectStCanbridge,876-9475,MBTA:Central) Mon-Sat 5-11pm, no booze, credit, or reservations. Czechoslovakian restaurant with fresh, delicious food. Garlic bread is amazing, $5-9 and it's all good.

The Spa (BrattleStCambridge,MBTA:Harvard-Brattle) Many flavors of frozen yogurt, but Elsie's frozen yogurt is better. Soft ice cream is good, but a bit expensive. Odd foods are available.

Stefani's House of Pizza (272BrooklineCambridge, 547-4588) Reasonable sandwiches and pasta for $1-5. Ample portions.

Steve's (191ElmStSomerville) Smooth ice cream, but not what it used to be. Expect a line (there always is). Mix-ins are excellent, sundaes good but getting smaller. Ten flavors daily.

The Stockpot (53BoylstonStCambridge,354-4933,MBTA:Harvard-Brattle) Mon-Sat, 11am-10:30pm, Sun 5-10pm. Soups are wonderful, salad bar good, interesting quiches. Filling and cheap. $3-7.

Swenson's (QuincyMarketPlace,723-3635,MBTA:GovernmentCenter) When in Fanueil Hall and craving sweets, this ice cream is the best around. Best selection of flavors anywhere, good novelties, etc. Not Steve's, or Joey's, or Emack & Bolio's, but different.

Swiss Alps (56BoylstonStCambridge,547-9256,MBTA:Harvard-Brattle) Sun-Thurs 11:30-11pm. Fri-Sat 'til midnight. Specializes in Swiss food, they offer light meals. Very nice relaxed atmosphere. $5-10.

SS John Wanamaker (310CongressStBoston, 426-8906) Open 7 days, 11:30am-3pm, 5-10pm. Food not that great, but the atmosphere is terrific. The restaurant floats on a tugboat opposite the Museum of Transportation.

Ta-Chien (18EliotStHarvardSq,491-3900) Mandarin-Szechuan restaurant featuring endless variations on the famous Ta-Chien Chucken, as well as the more common standbys. Food is greasy at times, usually palatable. $5-10, also has lunch specials.

Taisei of Japan (LewisWharfBoston,723-9235,MBTA:Aquarium) Reasonably good Japanese food in a very intimate atmosphere (each booth has its own curtain). Dark and cozy. Liquor available. $8-15.

33 Dunster Street (33DunsterStCambridge,354-0636,MBTA:Harvard-Brattle) Sun-Wed 11:30am-1am, Thurs-Sat 11:30am-2am. Credit is cool, liquer is reasonably priced. Nice salad bar ($2.25), omlettes and light meals, reasonable pizza ($2.50). Steaks are okay ($6).

Toscanninni's (899MainStCambridge, 491-5877) *Wonderful* ice cream. Their hot fudge rivals Steve's, and their other toppings (hot peppermint fudge, hot dutch apple) are *fantastic*. They come up with some great flavors, too.

Uncle Bunny's (962MassAvCambridge, 661-8889,MBTA:Harvard-Brattle) Cute sandwich/ice cream shop. Carries Haagen Dazs ice cream. Wide variety of flavors.

The Winery (LewisWharfBoston,523-3994,MBTA:Aquarium) Excellent selection of steak and seafood at a reasonable price — all meals come with a carafe of the house wine (fair), but you might want to select from the wine list (superb).Great place for a late dinner. $12.

Yenching (1326MassAvCambridge,547-1130,MBTA:Harvard-Brattle) Mon-Sat 11:30-10:30pm, Sun noon-2pm. BYO booze to this chinese restaurant with limited menu of very interesting tasty dishes. $7 or less. No credit cards.

On-Campus Food

There exist a few places to get food on campus. They tend toward an unexciting norm, but will keep you fed until you find some better place to eat.

Commons — Baker, MacGregor, McCormick, Walker Memorial, 500 Memorial Drive, and Lobdell have dining halls serving commons food three times a day on weekdays. If you're not on commons you can buy things a la carte, or on an unlimited-seconds basis, except at Walker and Lobdell where all non-commons food is sold a la carte.Portions tend to be smallest at McCormick.

Walker Memorial and **Lobdell** have the best organized facilities for non-commons eating. Both offer three meals a day on weekdays and Lobdell has three meals a day on weekends also. **Twenty Chimneys** on the third floor of the Student Center is open 11:30am-1:30pm on weekdays and 7:15pm-midnight every day (during the school year). This is a grill room staffed by students who do all the cooking. The food is fair and the atmosphere is very dark, with a wide variety of music. Service goes from reasonable to putrid. Very crowded after LSC movies. **Pritchett Lounge** is East Campus' answer to Twenty Chimneys, on the second floor of Walker with a separate entrance (the left-hand stairs in back). Better food, better frappes, friendlier service; it may be worth a walk across campus. Most of the dining halls now sell beer and/or wine and they request that you not take it out (state liquor law).

Muddy Charles Pub — Located on the first floor of Walker Memorial, this is GSC's own little pub. Sells beer, wine, etc.

24-Hour Coffeehouse — On the second floor of the Student Center, sells bagels, donuts, candy, coffee, tea, yogurt, soup, and cider. Open 24 hours a day, 7 days a week (except during occasional closing for cleanings).

Humanity, i love you because when you're hard up, you pawn your intelligence to buy a drink.

— e.e. cummings

etc. . . .

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Appendix 1 — Lexicon

The following is a dictionary of MIT words, phrases, and acronyms. Terms commonly identified by either acronym or name are listed here by acronym. Alphabetically, acronyms are listed before words.

AI — Artificial Intelligence.

All Tech Sing — An SCC-sponsored event held every spring during Spring Weekend.

APO — Alpha Phi Omega, national service fraternity (W20-415,x3-3788).

ASA — Association of Student Activities.

AWS — Association for Women Students.

Beast from the East — Resident of Second East, East Campus.

Beaver — MIT mascot.

Big Sail — The official name of the steel sculpture south of the Green Building. Site of the annual spontaneous tuition riot.

Big Screw — A 36", solid aluminum, left-handed thread, wood screw presented by APO during Spring Weekend to the faculty or staff member voted most deserving.

Bomber — Resident of Burton Third.

Bridge circuit — A running course along the Charles River which includes the BU, Harvard, and/or Longfellow Bridges. Not to be confused with a circuit bridge. See map next page.

Bronze Bunny — Sculpture in Lowell Court (Building 1). Officially named "Three Piece Reclining Figure, Draped."

Bruno — A unit of volume resulting from a piano falling six stories onto Amherst Alley from the roof of Baker House.

BSO — Boston Symphony Orchestra.

BSU — Black Students Union.

Charles River Mileage Map
courtesy of: Boston University / The Department of Physical Education and Recreation
CHARLES RIVER
Harvard Bridge
Boston University Bridge
Anderson Bridge
Weeks Bridge
Western Ave. Bridge
River Street Bridge
Longfellow Bridge
Charles River Dam
Locks
Hatch Shell
Storrow Drive
Memorial Drive

Bummer — Post-**choke** or post-**screw** description of said screw or choke; in general, something not good.

Bug — (1) A natural or introduced flaw, often the cause of a **crash**. (2) One of our cherished friends inhabiting MIT dorms, they do not pay tuition, nor, more relevantly, rent.

Busted — Arrested.

by definition — (1) Clearly, obviously. (2) Necessarily. (3) "I can't remember why"

CAP — Committee on Academic Performance.

CAES — Center for Advanced Engineering Studies (Building 9).

CAVS — Center for Advanced Visual Studies (Building W11).

CEP — Committee on Educational Policy.

ChemE — Chemical Engineering (Course X).

CivE — Civil Engineering (Course I)

COC — Committee on Curricula.

COD — Committee on Discipline.

CSC — Chinese Students Club.

CVA — Committee on the Visual Arts. Student-faculty committee responsible for the placement of "art" on campus.

Cambridge Tool & Die — local nerd shop.

Camp Cambridge — MIT.

Caveat emptor — Let the buyer beware.

Centrex — Central Exchange, MIT's main phone system. Owned by Ma Bell.

Chancellor — The office previously held by Paul Gray. No longer exists.

Cheney Room — Margaret Cheney Room (3-310), for women students only.

Chocolate City — Top three floors of New House 1.

Choke — To snatch defeat from the jaws of victory.

Chorallaries — Close-harmony vocal group.

Compton Lecture Hall — Room 26-100.

Concourse — An experimental freshman program. Prof. Jerry Lettvin (x3-2272) has more information.

Coop — Co-operative store. Located on the first floor of the MIT Student Center, in Harvard Square, and at other locations. *See* **Shopping** section.

Course — (1) Department major. (2) Subject (e.g. 2.30). **Note:** the Registrar's Office has declared (2) an invalid definition.

crash — (1) To sleep in a place where one has not paid rent, such as a friend's apartment. (2) To join a party without being invited. (3) To cease functioning, as in a computer system.

cretin — A fool.

crock — (1) Something that has been botched, e.g. "What a crock." (2) Bucket, e.g., "This is a crock of shit."

crunch — (1) What happens at the end of the term. (2) Process mindlessly, as in number crunch.

CSR — Center for Space Research (Building 37).

dl — Dormline.

D-Labs — see Draper.

DSA — Dean for Student Affairs (7-133,x3-6776).

Deke — Delta Kappa Epsilon fraternity.

dope — (1) Marijuana, rarely other drugs. (2) Trace impurity added to pure substance to alter properties. (3) Moron (obsolete).

Dormcon — Dormitory Council. The central dormitory governing and coordinating body.

Dormline — Dormitory telephone system.

Double E — *See* **EE**.

Down — (1) Feeling depressed. Said of a person. (2) Non-working, gronked. (Said of a computer.)

Draper — Formerly Instrumentation Labs. Works on inertial guidance systems, radar, etc. Divested by MIT due to student protest over a decade ago. Hires many MIT students.

drop — De-register for a subject during the term.

DSRE — Division for Study and Research in Education.

DYA — Domestic Year Away.

EE — Electrical Engineering, Course VI-1.

ESG — Experimental Study Group. An alternative freshman program located at 24-612. Dean Robert Halfman (x3-7786) has more information.

ESP — Education Studies Program. Runs HSSP (High School Studies Program), in which MIT students design and teach their own courses to high school students.

Emeritus — Retired from regular service with honor. *See* **professor**.

Finboard — Finance Board. The undergraduate body charged with proposing and administering the Undergraduate Association budget and funding student activities.

flushed — (1) Turned down or out. Disappointed in some endeavor, usually involved in selling oneself. Example: "I got flushed at the mixer." (2) Get a reddish hue on one's face from heat, exertion or embarrassment. Example: "I got flushed at the mixer." (3) Disposed of. When said of a person, this connotes dismissal or expulsion. Example: "I got flushed at the mixer." (4) Invited by a frat to look elsewhere for a bid.

Flame — To speak obnoxiously and/or at great length.

Frappe — In New England, a snack made up of milk, syrup and ice cream. It's called a "milkshake" in the English-speaking world.

G — Graduate

GA — General Assembly. Undergraduate governing, coordinating and information-distributing agency. Consists of the sum of living group representatives.

GAMIT — Gays at MIT. (unrelated to this book).

GSC — Graduate Student Council. The governing body for graduate students as a group (50-110,x3-2195).

Generate — Create, come up with.

Glitch — Bug; cause of sporadic gronkedness.

Grease — *n.* The governing body of an organization. *v.* to use greasy friends to make life easier.

Great Sail — What most people call the **Big Sail**.

Gritch — *v.* To complain. *n.* Complaint. Not to be confused with glitch, which is the cause of a gritch.

Grogo — Mascot of *Technique*, the yearbook. A big ape.

Gronked — Kaput, non-functioning.

Grungy — Grubby and dingy. What you feel like after studying 20 hours straight for a final in 85° heat.

Hack — *n.* A trick or prank. For example, placing a nipple on the Great Dome or getting elected UAP are fine hacks. *v.* (1) To goof off, talk randomly, just hang around. (2) To apply oneself, work hard, try earnestly. Example: a computer hacker. Also connotes fanaticism. (3) To harrass somebody, whether in fun or maliciously.

Hacker — (1) One who hacks. (2) One who does a lot of some activity, e.g. pinball hacker.

Hahvahd — The big red-brick school, both Up The Street and UpChuck River.

Hahvahd Bridge — The MassAv bridge from MIT to Boston. 364.4 Smoots 1 ear.

HoJo — Howard Wesley Johnson, present chairman of the MIT Corporation and former president of MIT. Reputed to be distantly related to the late ice cream and motel magnate.

HoToGAMIT — This book, pronounced "how to gam it."

Hub — Boston.

Huntington Hall — Room 10-250.

IAP — Independent Activities Period. The month of January at MIT.

IFC — Interfraternity Conference. The central coordinating and governing body of the fraternities. Counterpart to **Dormcon**.

IHTFP — (1)I Hate This ¶#©%±@§ Place. (2) I have truly found Paridise. (3)It's hard to fondle penguins. (4) I help tutor freshman physics.

IPC — Information Processing Center. (Bldg. 39)

IPS — Information Processing Services. (Bldg. 39)

Infinite — A lot more [noun] than you can [verb]. Examples: doughnuts-eat, problems-look at, cards-keep track of.

Infinitely — Exceedingly, really, quite. Example: "infinitely screwed up."

Institute — MIT.

Institute Professor — *See* **professor**.

instructor — (1) Man who stands in front of students and lets fall pearls of wisdom. (2) Academic rank in the lower echelons of the junior faculty.

Interphase — As defined by the Office of Minority Education, Interphase is "an intensive summer academic program for selected admitted MIT freshmen."

intuitively obvious — (1) Too simpleminded to deserve explanation. (2) More often, too abstruse to explain, if indeed the speaker understands it at all.

Jack Florey — 5th East, East campus

JYA — Junior Year Abroad.

Jack Florey — 5th East, East Campus.

jock — (1) An athletic supporter. (2) An athletic supporter. (3) Anyone who does a lot of something.

Judcomm — Judicial Committee, a generic term signifying a group of students charged with enforcing student laws. Usually attached to a living group.

k — One thousand (of anything).

KK — Kosher Kitchen.

Killian Court — Great Court.

kiosk — (1) One of the large cylindrical bulletin boards located in halls around the Institute. (2) A newspaper stand located in the street, such as the one at Harvard Square.

kludge — (1) A Rube Goldberg-style device which appears unlikely to work, but does anyhow. (2) Something complex that doesn't work. Example: this definition.

Knight — (1) Resident of Burton Two. (2) What follows Kday.

Kresge — The hump between the oval and the athletic field. Used for lectures, movies, concerts, conferences, and less frequently, skiing.

Lambchops — Lambda Chi Alpha fraternity.

Laboratory for Computer Science — Interdepartmental facility devoted to research in the computer and information sciences (x3-6201).

lecturer — (1) One who lectures. (2) Low, low academic rank.

living group — The place where you live.

L-Lab — Lincoln Laboratory, a special MIT-aimed laboratory located in Lexington. Its specialties include optics, radio physics, data systems, radar and re-entry systems.

Logarhythms — Small male vocal group.

LSC — Lecture Series Committee. A student non-non-profit organization that puts on movies, lectures and other entertainment for the MIT community.

MBTA — Massachusetts Bay Transportation Authority. Operates the Boston area mass transit, well, not too horribly. Known as the "T".

MechE — Mechanical Engineering, Course II.

MIT Community — Nearly 20,000 students, faculty, researchers, staff and employees at MIT. Sometimes used more expansively to include their families and alumni.

MITERS — MIT Electronic Research Society.

MITOC — MIT Outing Club.

MITSFS — MIT Science Fiction Society. Pronounced "mittsfiss," "mitt-siffs," or "misfits."

MITV — MITelevision.

MOF — Smile and ask a Baker resident.

MRS — Model Rocket Society.

MTG — Musical Theatre Guild.

Mariah — A long piece of laboratory rubber tubing filled with water; useful in water-fights. Also spelled "moriah."

Midnight requisition — How you get something when nornal suppliers are closed.

Milkshake — Snack made with milk and syrup, but *no* ice cream. If you want a "milkshake," order a frappe.

Moat — The wet thing wrapped around the Chapel. A good place to throw obnoxious people.

Multics — Multiplexed Information and Computing Service; a time-sharing computer system developed by Project MAC. Reputed to be the world's slowest as well as largest time-sharing system.

mumble — A verbal expression used to replace actual mumbling.

munge — *v.* To mangle, mutilate, mess up badly.

n — A random number with various connotations. There are n ways to beat (or get screwed by) the system, as $n \rightarrow \infty$.

NGL — Nobody gets laid.

NRSA — Non-Resident Student Association.

NSRA — Non-Student Resident Association.

nerd (pronounced *gnurd*) — Someone who studies too much, an undesirable person. Frequently connotes contempt. General insult noun, not necessarily unfriendly.

non-optimal — (1) In need of improvement. (2) Horribly bad.

nontrivial — (1) Very difficult. (2) Impossible. *See* **trivial**.

nuke — *n.* (1) Nuclear power plant. (2) Nuclear weapon. *v.* Attack with a nuclear weapon. *e.g.* "Nuke'em till they glow".

OR — Operations Research.

OSP — Office of Sponsored Programs. An administrative apparatus overseeing outside research grants and works at MIT.

petition — *n.* A form used to request something unusual with regard to academics. Example: placing out of all of your upper-class requirements. *v.* To fill out a petition form, submit it to the proper authorities and satisfy other protocols associated with that kind of activity.

placement — The process of career counseling, graduate school counseling, and finding a job (summer, temporary, or permanent). Often occurs at Placement Office

Player — Resident of Burton Four.

Postdoc — Postdoctoral fellow.

Postgrad — Graduate student.

powertool — *n.* An electrically operated tool. *v.* What one has to do to catch up on the entire term in any given course the night before the final exam in that course.

professor — (1) Person teaching a course. (2) Academic rank with three levels (assistant, associate, full) comprising the main body of the faculty. Most full professors have tenure. (3) Institute Professor: Academic post recognizing exceptional distinction. The Institute Professor can work as he wishes on research and teaching, without regard for formal boundaries or duties. (4) Professor Emeritus: Faculty member who has reached 70 (mandatory retirement age) but who is working (legally) at up to 50% of his former load.

Provost — The senior academic officer, who assists the President of the Institute in addition to carrying on projects of his own. The current provost is Francis Low.

punt — To determine after analytical deliberation not to do something, said something often being academic in nature.

quantum mechanics — People who repair quanta.

RA — Research Assistant. Usually a graduate student employed by his department, receiving pay plus a tuition allowance for his research duties. Funded by outside grants.

RLE — Research Laboratory of Electronics, an Interdisciplinary lab in Building 38.

ROTC — Reserve Officer Training Corps. Military officer training program operating within MIT and some other colleges. Pronounced "rotsie."

random — (1) Any. (2) Indeterminate, sometimes connoting number. (3) Without order, garbled. (4) Average person. (5)Resident of Random Hall.

Red Staple — Sculpture by Tang Hall. Officially named "For Marjorie."

rip-off — (1) A theft. (2) Something so outrageously expensive as to be almost a theft. Example Tickets to Bruins' hockey games are a real rip-off.

SAA — Student Art Association.

SACC — Social Action Coordinating Committee. (obsolete)

SAS — Student Assistance Services.

SCA — Society for Creative Anachronism.

SCC — Student Center Committee.

SCEP — Student Committee on Educational Policy.

SEG — (CENSORED — smile and ask an upperclassman.)

SGS — Strategic Games Society.

SIPB — Student Information Processing Board. Pronounced "sip-bee."

Sala — Sala de Puerto Rico. Large all-purpose room in the Student Center donated by Puerto Rico.

SCL — Student Center Library

screw — (1) Bad thing, such as the Institute Screw or "screwed to the wall." (2) What nuns don't do.

scrod — *n.* A baby codfish. Example: "I got scrod by Dining Service." *v.* Past tense of screw. Example: "I got scrod by Dining Service."

scrump — The dance of life.

secretary — One who is paid starvation wages to run everything.

Shrink — Psychiatrist.

Smoker — Resident of Burton Five.

Smoot — Unit of measurement of the Harvard Bridge.

snow — *v.* (1) To impress someone, such as a date. (2) Favorably confuse with a profusion of detail. *n.*(1) Brown, cold particles that cover sidewalks and gutters through Boston winters. Reputed to contain water.

Sport Death — philosophy at Senior House.

Squanch — Resident of Third East; short fellow with picket sign and wilted flower.

Stratton House — (1) Student Center (3rd, 4th, and 5th floors). (2) Not just a living group, it's a way of life.

Stud Center — Student Center.

subject — One or two professors, N students, a room, a formal curriculum, a formal subject number, and a formal grade, except when it isn't.

TA — Teaching Assistant. Usually a grad student employed by his department, receiving pay plus a tuition allowance for teaching duties. Funded by the Institute.

TCA — Technology Community Association. Has an office on the fourth floor of the Student Center. Operates various MIT community-related projects such as the Red Cross Blood Drives, ticket service, used-book exchange, The Bus, duplicating facilities and silk-screening facilities. Also sponsors *HoToGAMIT.* (W20-450,x3-4885).

TDM — Too Damned Much. Refers to tuition.

TFM — See **TDM**.

TMRC — Tech Model Railroad Club. (pronounced "tumurk.").

TWO — Technology Wives Organization. Service and social organization for wives of MIT students. Formerly Tech Dames.

Tech — *archaic.* MIT. Now called **The Institute**.

Tech Square — (1) Member of the MIT Square Dancing Club. (2) Group of buildings located northeast of MIT.

tonic — Soda, New England-style.

tool — *v.* To study. *n.* (1) One who studies to an extreme. Connotes over-concentration on problem sets. Supertool: an extreme extreme. (2) MIT student. Slightly derogatory.

Transparent Horizons — East Campus scrapheap traditionally buried in snow each winter.

trash — To destroy or vandalize, especially during a riot.

trivial — (1) Obvious. Often said sarcastically. (2) Easy to do.

Tuition Riot — Traditional "spontaneous" demonstration held to celebrate a tuition increase.

turkey — (1) A chestnut-stuffed, giblet-jammed tom gobbler. (2) One lacking common sense. (3)  .

'Tute — MIT.

U — Undergraduate.

UA — (1) Undergraduate Association. Organization of all MIT undergraduates (W20-401). (2) Urban Action.

UAP — Undergraduate Association President. Presides over General Assembly and has other random duties.

UASO — Undergraduate Academic Support Office. Its previous incarnations were known as OFA (Office of Freshman Advising) and FAC (Freshman Advisory Council).

UAVP — Undergraduate Association Vice President.

UMOC — Ugliest Man On Campus, beauty contest run by APO. 1¢ per vote, all going to charity. Vote early! Vote often! Vote for your roommate!

UROP — Undergraduate Research Opportunity Program. A source of credit and dollars for many.

urchin — Term, among others, for anyone (especially a high school kid) who hangs around and makes a pest of himself, frequently causing objects of value to sprout legs and walk away.

Vardebedia — Fifth floor of New House 4.

Vigilantes — Resident of MacGregor F-entry.

Virjins — Resident of MacGregor J-entry.

Women's League — Service and social organization for all MIT Women. Formerly Tech Matrons.

Zebe — Zeta Beta Tau fraternity.

Next to the originator of a good sentence is the first quoter of it.

— Emerson

Appendix 2 — Miscellaneous

In this section are collected the small items which don't seem to fit in any other category. Subjects are arranged alphabetically.

Address Change

If you change your **home address**, fill out a new address card at the Registrar's Office (E19-335).

When you change your **term address**, don't forget to notify the Information Office. It is also very useful to tell the Operator (dial 0).

Blood Drives

There are five Blood Drives at MIT each year: two 10-day drives, two 2-day drives, and a 1-day drive. The September, January, and July drives are run on a walk-in basis only. For the other drives, appointments may be made; scheduling forms are available in the TCA office (W20-450) four weeks before each drive. Generally, the hours are 9:45am-3:30pm, but during the 10-day drives there are some evening hours.

All drives are run by TCA for the benefit of the American Red Cross and the MIT community. Through these drives the MIT community gives proportionately more blood than any other group or institution in New England. The big drives in the fall and spring are massive organizational efforts that require the help of many, and TCA always welcomes new volunteers. For further information, call x3-7911 or x3-4885.

Buildings, Problems with

Physical Plant is responsible for all MIT buildings. If there is a problem, such as lack of light, heat, or water, call the Physical Plant Control Center (x3-4948 = xFIXIT) 24 hours a day.

Credit Union

The Credit Union is a federal corporation, not a part of the Institute. The Union is similar to a small savings and loan bank. All permanent employees on the MIT payroll are eligible to become members by buying one share in the Union. The amount of money one can borrow on one's signature is determined by length of employment. The Credit Union Office (E19-601,x3-2844) has more detailed information and an explanatory handout.

Employees Educational Benefits

Children of faculty and staff are eligible for full **scholarships** at MIT and scholarships of up to 50% of MIT tuition at accredited colleges. **Loans** are also available for children's college expenses. The Treasurer's Office (4-105,x3-2822) has details.

Regular employees are elible for partial or total reimbursement for educational costs connected with their careers at MIT. Contact Vera Ballard (E18-320,x3-4276) for details.

Experiments on Humans

If you are participating as a subject in an experiment, whether it's run by an MIT person or anyone else, you can contact the Committee on the Use of Humans as Experimental Subjects (56-511,x3-4718) to check whether it poses a hazard to either your physical or mental well-being. Any experiment conducted at MIT that might put the subject at risk — physically, psychologically, or otherwise — must be cleared with the Committee. Check with Dr. Gould of the Medical Department (x3-4718) for details.

Family Services

The Institute maintains an Office of Social Work Services (12-128,x3-4911) as an adjunct to the Medical Department. It maintains a good list of available family services and is open for consultation and advice on all family matters.

ID Cards

ID cards may be picked up in the UASO (7-103) for freshman and in the Cashiers Office (10-180) for upperclassmen about one month after photos are taken. In the meantime, use the temporary ID supplied on Registration Day. If you lose your card, the Cashiers's Office will issue a new one for $5. Lost cards should be reported immediately to the Student Accounts Office (E19-215) and your bank, as they can be used to cash checks (the picture can be changed quite easily).

International Student Identity Cards can be obtained at the SAS Office (5-104). They offer numerous discounts abroad on theatres, museums, lodgings, and intra-European airfares.

Department headquarters have ID cards for **employees**. They must be shown at the Medical Department, MIT libraries, and athletic facilities.

Lost and Found

Check the Student Center Office (W20-343,x3-3913) for items lost in the Center, Kresge, or the Chapel. Around dormitories, check the main desk. In any case, after two weeks everything is supposed to be sent to the master lost and found (W31,x3-2996). They hold valuables for at least four months, and other things (e.g. gloves, hats, shoes) for two months. Sets of keys are handled in the same manner as other things.

If you're afraid of loneliness, don't marry.

— Anton Chekhov

Marriage

1. Congratulations! and good luck.

2. You can have the ceremony performed in the MIT Chapel, if you wish. Call Dean Holden's office at x3-7974.

3. Financial Aid usually will not increase the grants you are getting, nor will it give you one if you are not already receiving MIT support. Under normal circumutances, your husband/wife is expected to work to earn the equivalent of his/her support. But by all means stop by the Financial Aid Office and talk with the people there; maybe you are a special case. Some fellowships have increased stipends if you "acquire" dependents.

4. The Deans, social services staff and religious counselors are available to talk things over with you and can be very helpful on aspects of married student life.

Missing Persons

If you can't find someone, call the DSA Office (x3-4861) or Campus Patrol (x3-2996), and the Senior Faculty Resident of your dorm, if you live in one. Be prepared to supply all the relevant information on the missing person. Don't call the person's home unless it's absolutely necessary. The Dean's Office will handle it.

Notaries Public

At MIT, you can have documents notarized (legally certified) by Mrs. Barclay (E19-341). Other people occasionally serve as notaries; check with the Information Office (7-121,x3-4795) for a current list. Outside MIT, your bank should provide a notary public free of charge.

Post Offices

Student Center basement: M-F 8-5
Kendall Square: M-F 8-5
Central Square: M-F 8-5:30, Sat. 8-12noon

Postdoctoral Fellows

Depending on what aspect of MIT you are dealing with, you will be classified as student, faculty, or staff. Normally this situation works to your advantage, but if you don't like it, a complaint can be made.

The availability of Student Health Insurance is useful, as is student status (non-candidate for a degree) for federal income tax returns. You can also claim student status in order to maintain out-of-town registration for a car (assuming the insurance company involved agrees). You must file with the local police for a student automobile tag (described elsewhere in this book, or ask Campus Police).

Faculty status is helpful in applying for an MIT library card. Relegation to the staff category occurs with regard to parking lot assignments, obtaining a Coop card, and purchasing an athletic card ($40).

There is no official identification card connecting a postdoctoral fellow with the Institute. A letter of appointment from the President's Office, which should arrive a few weeks after you fill out forms with your department, is the most useful means of identification. If you need a temporary ID, Virginia Lyons at the Information Office (7-121,x3-2851) may give you one. Afterwards, your MIT library card should suffice.

Prejudice

If you feel mistreated in any way for reasons of racial, ethnic, or sexual bias, speak to the Deans (5-104,x3-4861). If you feel you have been the victim of discrimination in employment or other opprtunities, take your complaint to the Equal Opportunity Committee (Issac Colbert, x3-4516).

MIT has an Affirmative Action Plan presenting the Institute's objectives and procedures for ensuring equal opportunity for minorities and women in employment (both), and in letting contracts. Copies of this plan are on file in the Information Center (7-121,x3-4795), in the various Personnel Offices, in the Office of Minority Affairs (Clarence Williams, 10-211,x3-5446), and in the Office Women and Work (Mary Rowe, 10-213, x3-5921).

Massachusetts also maintains an agency to deal with cases of suspected discrimination, the Massachusetts Commission Against Discriminwtion (120TremontStBoston,-727-3990).

School Cancellations

The decision to call off classes (due to show or any other reason) is usually made around 6am and released to WHDH radio (850AM). Don't call the MIT switchboard because it will be swamped. Instead call 253-SNOW (SNOW=7669) or dl155 for a recorded message.

Special Events

For information on planning concerts, dances, mixers and the like, contact the Undergraduate Association Office (W20-401, x3-2696), the Dean of Students Activities,(W20-345, x3-7974), or the Partyline (x3-3942).

Summer Employment

The on campus job situation varies from year to year. A good idea is to get involved with a research project, which is fair money and good experience. See your favorite professors. Some term-time jobs can be continued over the summer — libraries, Walker or Lobdell dining service, the Coop, various lab and computer jobs.

Outside of MIT, the rules are the same as applying for a job anywhere. It pays to apply early. It pays double to know people. The Student Employment Office's (5-119) files of job opprtunitues are the most complete for this area. SIPB (39-200) also maintians a listing of computer jobs.

Two truisms: a) $1>>0$. If you don't start things moving, they won't move. b) $N+1>N$. The more people you have with you, the more effective you will be.

Appendix 3 — Local Colleges

Colleges Around Boston

There are more than a quarter million students in the Boston area, 100,000 male and 150,000 female. The following list provides terse coverage of local schools. Wellesley has a special relationship with MIT, and is discussed in greater detail at the end of this section.

Amherst College — (1200 undergraduate men, 1300 undergraduate women) Located in the famous Connecticut River Valley, Amherst College is known for its fine academic programs, mostly in the liberal arts. 95% of students live on campus. (413-524-2250)

Boston College — (13,000 students) Located at Chestnut Hill near Newton, Boston College is a large Catholic university and 24% of the undergraduates live on campus. (969-0100).

Boston State College — (11,000 students) A state teachers' college with no residence facilities. (731-3300).

Boston University — (25,000 students) Boston University's campus extends along the Back Bay, across the Charles River from MIT. It offers courses, both graduate and undergraduate, in all fields, and draws students from across the nation and around the world. It is a private institution with Methodist ancestry. 50% of the students live on campus, and most of the rest are scattered through Boston, Brookline and Cambridge. A cross-registration program exists between BU and MIT. Most social activities are closed to outsiders, but resourcefulness might pay off (353-2000).

Brandeis University — (3500 undergraduates) Brandeis is located in Waltham and offers both graduate and undergraduate liberal arts courses. 75% of the students live on campus and most of the rest live in either Waltham or Cambridge. Brandeis has a very large Jewish student population (647-2000). It is found at the end of the number 70 Bus line from Central Square.

Emerson College — (1600 undergraduates) Emerson College is located on Beacon Street between Arlington and Clarendon Streets. It is a specialized, private school concentrating in communication (speech, drama, mass communication, education). Freshmen and sophomores (45% of the student body) live on campus (262-2010).

Emmanuel College — (700 undergraduates) Emmanuel is a Catholic liberal arts college. 60% of the students live on campus (400TheFenwayBoston,277-9340).


HARVARD UNIVERSITY
Charles
River
SOLDIER'S FIELD
WEBSTER ATHLETIC FIELDS
RADCLIFFE YARD
HARVARD YARD
E. A. Rising
Copyright 1960 by the President and Fellows of Harvard College

Harvard University — (21,000 students) Probably the most renowned university in Harvard Square, Harvard offers graduate and undergraduate education in virtually every field. The student body comes from all over the world. **Radcliffe College** is the women's division of Harvard, sharing all classes, dorms, and activities. Harvard is located 2 miles up Mass Av from MIT, and most students live on or near the campus. Harvard has a cross-registration program, and a joint Biomedical Engineering graduate program with MIT. (495-1000; or use the tieline, dial 186-5-xxxx from an extension or 2-186-5-xxxx from a dormline. The information number is 186-5-5000.)

Lesley College — (1400 women students) Lesley is a private teachers' college located right behind Harvard Law School. Eighty per cent of the women live on campus. Lesley and Harvard have a cross-registration program (868-9600)

Massachusetts Institute of Technology — (8200 students) A small technical school, located in Cambridge along the banks of the Charles River. Graduate and undergraduate education polarized around science and technology. Said to have the largest percentage of foreign students (18%) in the country. (253-1000).

Northeastern University — (40,000 students) The largest coeducational private university in the country. Northeastern offers the usual range of courses. 46% of students live on campus (437-2000).

Simmons College — (2300 women students) Simmons is a compromise between a liberal arts and professional school, and specializes in the sciences. Eighty per cent of the undergraduates live on campus. The school is convenient to Kenmore Square and the Gardner and Fine Arts museums. (738-2000).

Smith College — (2500 undergraduate women) Liberal arts specialization. Located in Amherst Valley. 95% of students live on campus, but known for outgoing student body (413-584-2700).

Tufts University — (6500 students) Tufts University is located on Walnut Hill in Medford and maintains medical and dental schools on Harrison Ave. in Boston. It is a private institution offering the usual range of curricula. Ninety-two percent of the undergraduates live on campus. **Jackson College**, the women's coordinate of Tufts, has the same relationship with Tufts as does Radcliffe with Harvard, including coed housing. MIT has a cross-registration with Tufts, which can be reached by bus from Harvard Sq or Lechmere (628-5000).

University of Massachusetts, Boston Campus — (7000 students) This state college offers a liberal arts undergraduate program. No residential facilities. (288-0924).

"Contrariwise," continued Tweedledee
"If it was so, it might be; and if it
were so, it would be; but as it
isn't, it ain't. That's logic."

— Lewis Carroll

Wellesley College — See section on **Wellesley**, below

APPENDICES

The following schools, listed with their information numbers, are also nearby and may be of interest:

Babson College, Wellesley (235-1200)
Bentley College, Waltham (891-2000)
Berklee College of Music, Boston (266-3532)
Boston Architectural Center, Boston (536-3170)
Boston Conservatory of Music, Boston (536-6340)
Burdett School, Boston (267-7435)
Chamberlayne Junior College, Boston (536-4500)
Curry College, Milton (333-0500)
Deaconess School of Nursing, Boston (734-7000)
Eastern Nazarene College, Boston (773-6350)
Fisher Junior College, Boston (262-3240)
Katherine Gibbs School, Boston (262-2250)
Lasell Junior College for Women, Newton (243-2000)
Massachusetts College of Art, Boston (731-2340)
Massachusetts College of Pharmacy, Boston (734-6540)
Mount Holyoke College, Amherst Valley (413-528-2000)
Mt. Ida Junior College for Women, Newton (969-7000)
New England Conservatory of Music, Boston (262-1120)
Pine Manor Junior College, Chestnut Hill (731-7000)
Regis College, Weston (893-1820)
Salem State College, Salem (745-0556)
Stone Hill College (696-0400)
Suffolk University, Boston (723-4700)
Wentworth Institute, Roxbury (442-9010)
Wheelock College, Boston (734-5200)

It is unwise to use physical intuition it you don't have any.

— Prof. Arthur Mattuck

Wellesley

The Wellesley campus is fifteen miles away from MIT, and after doing time by the Charles, it's quite a change to see grass, trees, hills, a lake and the silence that comes from having much space between you and the nearest car (the silence is *not* seen).

There are other attractions as well.

Wellesley has an official tie with MIT in the MIT-Wellesley cross-registration program. There are other opportunities for getting involved in Wellesley activities, but you have to be enterprising; they aren't well-publicized.

Over IAP there is an MIT-Wellesley residence exchange, with MIT people going to live at Wellesley for a term and Wellesley people coming here. Check the exchange office for information.

Getting There

Though located 15 miles out of town, Wellesley is not hard to reach. A free bus service is part of the cross-registration program, running approximately hourly on weekdays only. The bus schedule is available in the cross-registration office (7-108,x3-1668). It is supplemented on weekends by the Wellesley student government bus, which costs $1.00 a ride. A schedule and tickets can be obtained at the Schneider Center at Wellesley and at the 24-Hour Coffeehouse (they cost $1.50 there). If you have to resort to public transportation, the usual way is to take the MBTA Green Line to Woodland, then hitch.

Lake Waban

In late spring there is swimming in the lake under supervision of a lifeguard (at the little beach near the boathouse). No swimming is allowed when the lifeguard is not on duty. Talk to Dave Martin (MITx187-548) at the Wellesley boathouse about using sailing, rowing and canoeing facilities. A Wellesley Small Craft Permit, MIT sailing card, or its equivalent is a prerequisite.

Green Growing Things

The Hunnewell Arboretum is a natural bowl in the northeast corner of the campus, graced by flowering trees and shrubs. At the bottom of the hollow is a small pond.

The nearby Alexandra Botanical Garden consists of a bunch of grass with a stream running through it, some labeled trees and shrubs, lots of flowers and Paramecium Pond.

The greenhouses which connect to Sage Hall are divided into rooms in which different climates are simulated. Plants accustomed to each climate may be found therein, ranging from tomatoes to coconut palms (plus some man-eating orchids). For info about accessibility call the Biological Science Office (x187-463).

Whitin Observatory

The observatory is equipped with 6", 12", and 24" telescopes, as well as an astronomy library. People should check with the observatory (x187-324) for the use of the facilities.

Wellesley College Campus

Lake Waban
Tupelo Point
Entrance
Parking
Tennis Courts
Golf Course
Golf House
Entrance
Homestead
East Lodge
Hallowell Faculty Houses
Shafer
Stone-Davis
Oakwoods
Wellesley College Club
President's House
Tower Court
Crawford House
Claflin
Severance
Shakespeare
Munger
Pomeroy
Cazenove
Pendleton
Academic Quad
Green Hall
Founders
Library
Billings
Schneider Center
Houghton Chapel
Jewett Arts Center
Alumnae Hall
Hay Amphitheatre
Maintenance Building
Boathouse
Lake House
Hemenway Gymnasium
Acorns
Stone International Center
Tupelo
Longfellow Pond
Paramecium Pond
Alexandra Botanic Garden
Whitin Observatory
Simpson Infirmary
Greenhouses
Sage
Homestead Arboretum
Freeman
Bates
McAfee
Orchard
Dower
Munger Hall
Shafer
Beebe
Cazenove
Severance
Claflin
Crawford House
Tower Court
Shakespeare
Hay Amphitheatre
Alumnae Hall
Maintenance Building
Boathouse
Lake House
Hemenway Gymnasium
Hockey Fields
West Lodge
Tennis Courts
Entrance
Parking
Pendleton
Academic Quad
Green Hall
Founders
Library
Billings
Schneider Center
Houghton Chapel
Jewett Arts Center
Paramecium Pond
Alexandra Botanic Garden
Whitin Observatory
Simpson Infirmary
Greenhouses
Sage
Homestead Arboretum
Freeman
Bates
McAfee
Orchard
Dower
Munger
Shafer
Beebe
Cazenove
Pomeroy
Central Street
Washington Street
Weston Road
Hallowell Faculty Houses
Crafton
Faculty Houses
Weston Terrace
Faculty Houses
Hathaway House Bookshop
Clapp Child Study Center
Fiske
Observatory Road
Rice Road
Norton
Shafer
Tupelo Point
Lake Waban
Tennis Courts
Golf Course
Golf House
Entrance
Homestead
East Lodge
Hallowell Faculty Houses
Shafer
Stone-Davis
Oakwoods
Wellesley College Club
President's House
Tower Court
Crawford House
Claflin
Severance
Shakespeare
Munger
Pomeroy
Cazenove
Pendleton
Academic Quad
Green Hall
Founders
Library
Billings
Schneider Center
Houghton Chapel
Jewett Arts Center
Alumnae Hall
Hay Amphitheatre

Jewett Arts Center

Jewett houses the Art and Music departments. Within the Art Building are studios, study rooms and the art library. The second floor holds a sculpture court. The Music Building contains practice and listening rooms, the music library and the auditorium. Connecting the two halves of Jewett is the Wellesley College Museum. Admission is free and the exhibits are changed every few months. For information, call the Art Office (x187-307).

Music

For those interested in vocal music, there are several possible opportunities for MIT women. The Wellesley College Choir and the more selective Madrigal Group are potentially open to women who want to take some initiative in opening up channels. There are at least two other singing groups at Wellesley, namely the Tupelos and the Wellesley Widows; both groups sing various kinds of music and give a variety of performances. The Music Office (x187-401) is the place to call for information. They can tell you who to get in touch with if you are interested in trying out for any of the groups mentioned above.

Black women who are interested in singing might investigate Wellesley's Ethos Choir. Contact the Black Students' Association in Harambee House (x187-709).

If you are interested in chamber music, call x187-401 for information about Wellesley's Chamber Music Society.

Theater

For information about the Wellesley College Theater, call Mr. Barstow at x187-461.

Radio

WZLY (640AM) is Wellesley's radio station. It is located on the second floor of Alumnae Hall (x187-303). Those interested in broadcasting or working there should call the station for details.

Schneider

One of the oldest and ugliest buildings on Wellesley's campus, the former Billings Hall, has been completely renovated and now houses the Schneider College Center. It is the terminal for the Wellesley-MIT Exchange buses and contains study areas, an MIT lounge, meeting rooms, the Bus Office and "Committee X" (a small coffee house). It also holds the Well (a snack bar) and various student organizations. Near Schneider is Harambee House, a social and cultural center for Black students. For information about the Harambee House, call Miss Tyler (x187-709).

General Information

For information about most anything at Wellesley, including students' telephone numbers and information on student sponsored activities and events, call the Schneider information desk (x187-704), which is staffed by students. You can also call the Information Bureau (second floor of Green Hall, x187-241), open Mon-Fri 9-4:30.

Appendix 4 — Mwoh About Bahston

Those of you unfamiliar with Boston may feel that you are coming to just another American city, which uses English as its native tongue. If so, you are due for something of a shock, and as another of its continuing services, TCA has persuaded a true native Bostonian to compile this:

Guide to the Language of Boston
Together with Commentary on the Strange Customs Thereof,
with
Pronunciation Guide
and a
Glossary of Native Vocaulary

Introduction: The accent of Eastern New England is characterized as a "twang." This means in general that the speech is quick and clipped. Rumor has it that in northern Maine it's so clipped that it sometimes dies off into pure silence. This, however, is not a problem in Boston. A "twang" also means that it has a tendency to be nasal. An example of a nasal sound in English is the "ng" at the end of "looking." Now try applying this to a vowel and you've almost got it.

Of course, not all New England accents are the same. People in Western New England talk almost like the rest of the country, and many suburbanites are altogether too affected by the bland language of national TV. Proper Bostonians talk almost like Britishers, and state-of-Mainers have a delightful accent all their own.

It's only in Boston and nearby that one can hear the sweet dulcet tones of pure Bostonian English. While it may at first sound grating and harsh, even cacophonous to the inexperienced ear, you will soon grow to love it. [Ed.note: *Ha!*]

Specific Characteristics

The disappearing "R" This is the most distinctive aspect of Bostonese. The combination "or" is pronounced as the word "awe." In extreme cases it is pronounced very nasally (approximately "woh") as in "Dorchester" (pronounced "Dwohchestah"). Note, however, that the "or" at the end of a word, as well as an "er" is pronounced as "ah." JFK talked about "vigah." Well, no one in Boston thought that strange. The classic example is "I parked my car in Harvard Yard," pronounced "I pahked my cah in Hahvahd Yahd." Actually, they don't allow cahs in the Yahd anymwoh.

The reappearing "R" Having discarded so many r's, Bostonians must put them somewhere, and they often end up pronouncing the words ending in "a" as though they ended in "er." Hence Cuba ("Cuber") and banana ("bananer").

The mysterious extra syllable Many words which you think have one syllable, appear to have two. This is even more common in Maine than in Boston. Examples: "there" ("they-ah"), "where" ("whey-ah"), "door" ("doe-ah"), and "Revere" ("Re-ve-ah").

The broad "A" The words "calf," "half," and "laugh" are pronounced to rhyme and have the same "a" sound as in "father." This is known as a "broad A," and in extreme cases may appear in words like "glass" and "grass."

Glossary

Localities

Quincy — (Quin-zee), a city south of Boston
Boston — (Baw-ston), a city north of Quincy
Worcester — (Wus-tah), second largest city in Massachusetts (and New England)
Gloucester — (Glos-tah), a seaport north of Boston

Food

Tonic — generic term for "soft drinks" (also acceptable). "Soda" ("soder") is gradually filtering into usage from visitors. "Pop" is not used.
Frappe — what you think of as a milkshake
Milkshake — milk and flavored syrup, shaken up. Contains no ice cream.
Steamed Clams — world's best food.
Fried Clams — world's biggest crime to world's best food.
Clam Chowder — absolutely heavenly treat; contains no tomato
Manhattan-Style Clam Chowder — tomato soup. Rumored to contain some clams, but this has never been substantiated.

Government

The Great and General Court — The official name of the legislature. What the legislature likes to call itself.
Those Crooks on Beacon Hill — What everyone else calls the legislature.
Governor's Council — A popularly-elected group of nine wheeler-dealers who must approve appointments by the Governor. About 20 years ago they almost had a quorum in the state prison.
Town — Main unit of local government in New England. Every square inch of Massachusetts is part of some city or town. Counties have insignificant power.
Town Meeting — An assembly of voters in a town. It runs the local government and is presided over by a moderator.
Selectmen — A board of local magistrates (generally 3 to 5) who run the day-to-day affairs of the town, according to the instructions of the town meeting.
Commonwealth — What Massachusetts is. There are 46 states and four commonwealths (Mass., Pa., Va., and Ky.) in the United States.

Highway Terms

Motorist — someone granted a license to hunt pedestrians and bicyclists.
Pedestrian — a hazardous occupation.
Bicyclist — a suicidal occupation.
Crosswalk — strange paintings on some city streets, the significance of which is unknown to the natives.
Streetlight — a signalling device for drivers; **red** means stop, **green** means go, and **yellow** means accelerate. **Red** and **yellow** together mean to stop in all directions — pedestrians crossing. Blinking **green** means to be prepared for light to turn to **red**.

Miscellaneous

Harvard — (Hah-vahd), a small liberal arts college up the creek.
Blue Laws — Laws left over from the Puritan days, which say that anything you want to do on Sundays, you can't.
Yankee — (1) to a foreigner: an American; (2) to a Southerner: a Northerner; (3) to a Northerner: a New Englander; (4) to a New Englander: a Vermonter; (5) to a Vermonter: Someone who eats apple pie for breakfast.
Common — A park in the center of a city or town. Generally has public buildings and churches clustered around it.
Down East — Maine.
Cradle of Liberty (1) Boston; (2) Faneuil (fan-yul) Hall
Athens of America — Boston
Hub of the Universe — Boston
Midwest — area around Worcester, Mass.
West — area around Springfield, Mass.
Edge of Civilization — The Connecticut River
Indian Country — Land west of the Berkshire Hills.
New York — (New Yawk), city, a suburb of Stamford, Connecticut.

The library has been variously and sentimentally called the storehouse of all knowledge and the treasure house of the mind. Its real virtue, however, is that as a repository it preserves error as well as truth and nonsense as well as sense.

— Harry Golden

Appendix 5 — Names of MIT Buildings

Some people hate to use numbers for all the buildings (or any of them). This listing was written just for them.

So that credit (or blame) can be placed where due, we list the architects after their creations. Curiously, almost all the designers of MIT buildings were either students or professors at MIT, or both.

Building	*Name* [Architect]
1	Henry L. Pierce Engineering Laboratory [Welles Bosworth]
2	No name [Welles Bosworth]
3	The Richard Cockburn MacLaurin Building [Welles Bosworth]
4	The Richard Cockburn MacLaurin Building
4A	Laser Laboratory
5	Pratt School of Naval Architecture and Marine Engineering [Welles Bosworth]
6	George Eastman Research Laboratory [Welles Bosworth]
6A	The Spectroscopy Laboratory
7	William Barton Rogers Building [Welles Bosworth; Harry J. Carlson]
8	Metallurgy Building
9	Center for Advanced Engineering Study [Skidmore, Owings and Merrill]
10	The Richard Cockburn MacLaurin Building
11	Former Homberg Infirmary [Bosworth, Coolidge '83 and Carlson '92] (Infirmary now in E23.)
12	No name
13	The Vannevar Bush Building (Center for Materials Science and Engineering) [Skidmore, Owings and Merrill]
14	Charles Hayden Memorial Library [Voorhees, Walker, Foley & Smith; Anderson & Beckwith]
16	Dorrance Building [Anderson, Beckwith, & Haible]
17	Wright Brothers Wind Tunnel [Jackson & Moreland]
17A	No name [Jackson & Moreland]
18	Camille Edouard Dreyfus Building (Chemistry) [I.M.Pei]
20	No name [McCreery & Whiston]
24	No name [Anderson & Beckwith]
26	Karl Taylor Compton Laboratory [Skidmore, Owings, & Merrill
31	Sloan Laboratories for Aircraft and Automotive Engineering [Coolidge & Carlson; Anderson; Beckwith]
33	Daniel Guggenheim Aeronautical Laboratory [Coolidge & Carlson]
35	Sloan Metals Processing Laboratory [Perry, Shaw, Hepburn & Dean]

36	Sherman Fairchild Building (east wing) [Skidmore, Owings & Merrill]
37	Center for Space Research [Skidmore, Owings & Merrill (Chicago)]
38	Sherman Fairchild Building (west wing) (Electrical Engineering & Communications Research Center) [Skidmore, Owings & Merrill]
39	Information Processing Service Center [Skidmore, Owings & Merrill]
41	No name [Welles Bosworth]
42	Power Plant
43	No name [Welles Bosworth]
44	The Cyclotron [McCreary & Winston]
45	Division of Comparative Medicine (Animal Facility)
48	The Ralph M. Parsons Lab for Water Resources and Hydrodynamics [Perry, Dean, Hepburn, and Stewart]
50	Francis Amasa Walker Memorial Building [WellesBosworth]
51	The MIT Sailing Pavilion
54	The Cecil and Ida Green Building (Center for Earth Sciences) [I.M.Pei]
56	The Uncas A. Whitaker Building (Center for Life Sciences) [Anderson, Beckwith & Haible]
57	The MIT Alumni Building (Alumni Swimming Pool) [Anderson & Beckwith]
58	The Office of Naval Research Generator [Anderson & Beckwith]
62	Wood, Hayden, Munroe (East Campus—west) [Welles Bosworth; Coolidge & Carlson]
64	Goodale, Bemis, Walcott (East Campus—east)
66	Ralph Landau Building (Chemical Engineering) [I.M.Pei]
70	East Parking Garage (Parking facility) [Marvin E. Goody; Carlton N. Goff]
E1	The President's House [Welles Bosworth]
E2	Ware, Atkinson, Runkle (Senior House) [Welles Bosworth]
E3	Holman, Nichols, Craft (Senior House)
E10	Psychology Laboratory [Monks & Johnson]
E17	Seeley G. Mudd Building
E18,19	Horace Sayford Ford Building (Formerly Daggett Building) [Rodgers Associates]
E20	No name [Wilson]
E21	No name [Wilson]
E23	Whitaker Building
E25	Whitaker Building
E32	The MIT Press [F.A. Stahl & Associates]
E34	No name [V.J. Galleni]
E38	Suffolk Building
E40	Urban Systems Lab (One Amherst Street, formerly Webster Building) [Densmore, LeClear & Robbins]
E42	The Hayward Garage [F.E. Leland]
E52	The Alfred P. Sloan Building [Donald DesGranges]
E53	The Grover M. Hermann Building (Social Science and Management Research Center) [Eduardo Catalano]
E55	Eastgate [Eduardo Catalano]

N4	Albany Street Garage [Perry, Dean, Hepburn & Steward]
N10	High Voltage Research Laboratories [C. Richmond, Jr.]
N42	Graphic Arts Building [E.H. McClarr]
N51	No name [Cleverdon, Varney and Pike]
N52	No name
N54	Lab Supplies
NW12	The Nuclear Engineering Building
NW13	The Nuclear Chemistry Building
NW14,15	The Francis Bitter National Magnet Laboratory
NW61	Random Hall
W1	Avery Allen Ashdown House (Graduate House) [H.B. Ball]
W2	Non-Resident Student Association
W2A	Religious Counselor's offices
W4	Stanley McCormick Hall (Women's Dormitory) [Anderson, Beckwith & Haible]
W5	Former Infirmary (Formerly Sancta Maria Hospital)
W7	Everett Moore Baker House [Alvar Aalto]
W8	Harold Whitworth Pierce Boat House [Anderson, Beckwith & Haible]
W11	Center for Advanced Visual Studies [Goody and Clancy]
W13	Bexley Hall
W15	The MIT Chapel [Eero Saarinen]
W16	Kresge Auditorium [Eero Saarinen]
W20	The Julius Adams Stratton Building (Student Center) [Eduardo Catalano]
W23	Briggs Field House [Anderson & Beckwith]
W31	The Armory [Hartwell, Richardson & Driver]
W32	David Flett duPont Athletic Center [Anderson, Beckwith & Haible]
W33	Rockwell Athletic Cage [Anderson & Beckwith]
W34	Athletic Center
W41	Metropolitan Storage Warehouse [Peabody & Stearns]
W45	Vassar Street Garage (Parking facility West Garage)
W51	Burton House, Conner Hall [Silverman, Brown & Heenan]
W53	Carr Indoor Tennis Center
W61	The Frank S. MacGregor House [Pietro Belluschi; The Architects Collaborative]
W70	New West Campus Houses [Sert & Johnson]
	House I — Russian House and Chocolate City
	House II — Ballard House
	House III — Lawrence House
	House IV — Coolidge House
	House V — Desmond House
	House VI — French House and German House
W71	500 Memorial Drive
W84	Ping Yuan Tang Residence Hall [Hugh Stubbins Associates]
W85A-J	Westgate Married Student Housing [Hugh Stubbins Assocaites]
W91	The Aerophysics Laboratory [Jackson and Moreland]

Appendix 6 — Telephones

Telephone Information

Telephones

There are three phone systems at MIT. They are more or less independent, but can be interconnected as described later.

1. **Outside Lines** (regular telephones) may be rented from the **New England Telephone Company** (NET). Rates charged depend on what kind of service (message-unit, suburban, WATS, etc.) you use. Check with the phone company and estimate your calling pattern before ordering. A common practice in dormitories and apartments is for several students to share the cost of a phone with unlimited metropolitan service. Additional monthly charges are made for touch-tone and trimline phones.

2. **MIT Centrex Extensions** may be found in Institute offices, a few fraternities, some classrooms, lounges, and many random places. They are rented from New England Telephone by MIT and are the backbone of the Institute's internal communication system. You can call dormlines, Harvard, Wellesley, and other selected places by using established tielines; see the Institute Telephone Directory for general information, lists of public extensions, and tielines. An Institute extension is almost always a number such as 253-xxxx. On most of these, you cannot call local numbers outside of MIT (unless there is a tieline); however, some phones may be used for local outside calls by dialing 9 first.

3. **Dormlines** are located in dorm rooms and hallways, some Institute offices and public areas, and student activity offices. The dormline system is owned and operated by MIT. Dormline numbers are generally of the form 5-xxxx, although some special numbers are of the form 1xx. To reach a dormline form outside the MIT Centrex and dormline systems, dial (617) 225-xxxx, the last four digits being the dormline. When calling a dormline from another dormline, only the last four digits are necessary.

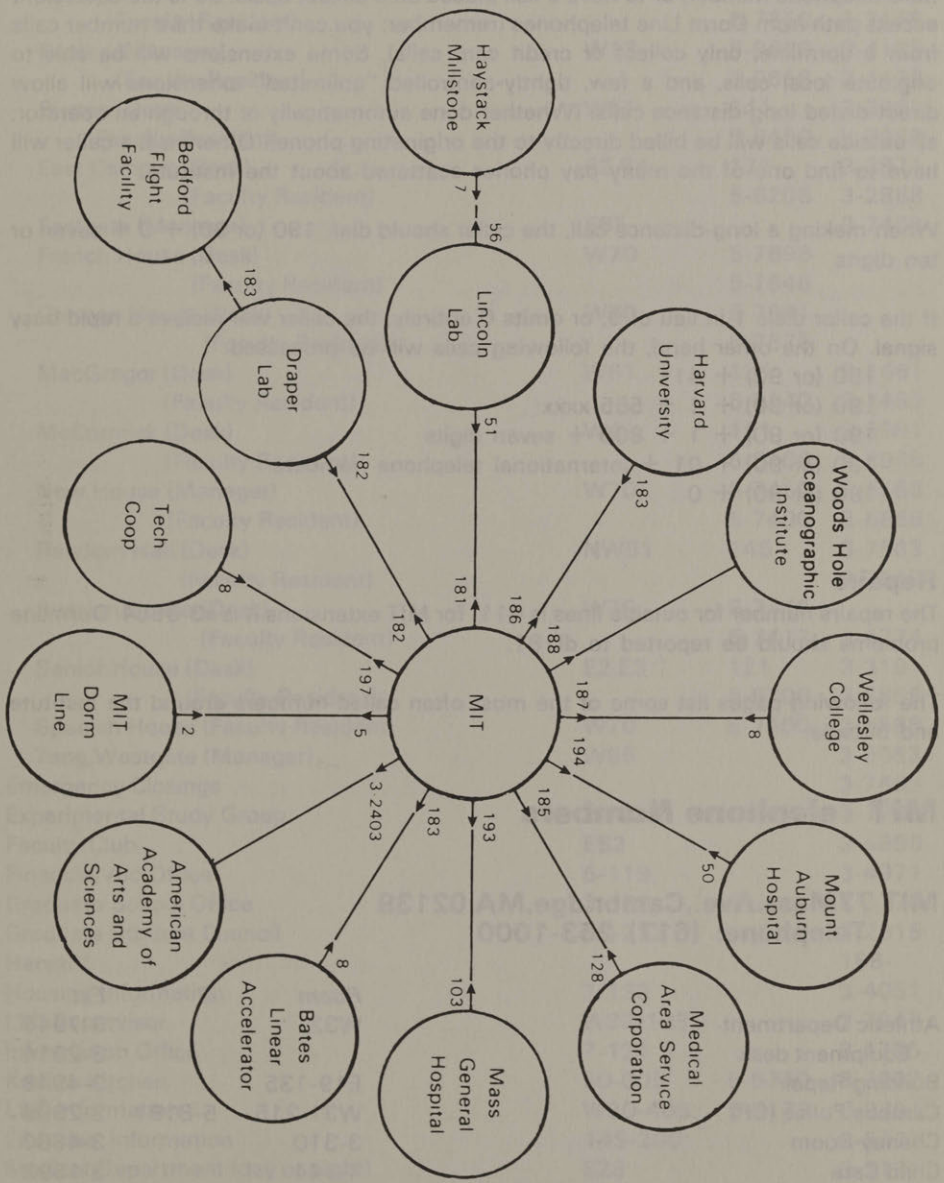
A summary of the basic interconnections between systems is given below:

Information

The New England Telephone information number is 411 on an outside line. For information about MIT extensions and dormlines, dial "0" or ask the MIT operator at 253-1000. They have a list of extensions by room number. Dormline numbers for individuals can be gotten by calling the main desk of the dormitory where the person lives.

The number you have dialed is imaginary. Please multiply by i *and dial again.*
—Anonymous

Phone Books can be picked up at the Central Square Phone Center Store (45ProspectStCambridge,864-9950). Call ahead for directions.



Direct Lines to Outside Points

Use MIT dial numbers to save charges. Do not forget to dial "2" first, if dialing from a dormline.

"Outside" calls include long-distance calls in both directions. 190 is the access path for selected Centrex telephones to place toll calls that are to be billed to a credit card, a third telephone number, or to have a call placed on a collect basis. 90 is the equivalent access path from Dorm Line telephones (remember: you can't make third number calls from a dormline, only collect or credit card calls). Some extensions will be able to originate local calls, and a few, tightly-controlled "unlimited" extensions will allow direct-dialed long-distance calls. (Whether done automatically or through an operator, all outside calls will be billed directly to the originating phone). Otherwise, a caller will have to find one of the many pay phones scattered about the Institute.

When making a long-distance call, the caller should dial: 190 (or 90) + 0 + seven or ten digits

If the caller dials 1 in lieu of 0, or omits 0 entirely, the caller will recieve a rapid busy signal. On the other hand, the following calls will be processed:

190 (or 90) + 411
190 (or 90) + 1 + 555-xxxx
190 (or 90) + 1 + 800 + seven digits
190 (or 90) + 01 + international telephone numbers
190 (or 90) + 0

Repairs

The repairs number for outside lines is 611; for MIT extensions it is x3-3654. Dormline problems should be reported to dl181.

The following pages list some of the most often called numbers around the Institute and outside:

MIT Telephone Numbers

MIT, 77 Mass. Ave., Cambridge, MA 02139
Telephone: (617) 253-1000

	Room	*dl*	*Ext.*
Athletic Department	W32		3-7946
Equipment desk			3-2914
Building Repair	E19-135		3-4948
Campus Police (CP)	W31-215	5-8191	3-2996
Cheney Room	3-310		3-4880
Child Care	4-144		3-1592
Committee on Academic Performance	7-101		3-4164
Concourse	20C-224	5-9148	3-3200

Dean for Student Affairs	7-133		3-6776
Office (Counseling)			3-4861
Directory Assistance (MIT Op.)		0	0
Dormitory Desks and Faculty Residents			
Ashdown (Desk)	W1	191	3-2961
(Faculty Resident)		5-9195	3-2968
Baker (Desk)	W7	161	3-3161
(Faculty Resident)		5-7350	3-3168
Bexley (Manager)	W13	5-9680	3-4135
(Faculty Resident)		5-9618	3-4138
Burton (Desk)	W51	141	3-3261
(Faculty Resident)		5-8450	3-3268
East Campus (Desk)	62,64	171	3-2871
(Faculty Resident)		5-6205	3-2868
Eastgate (Manager)	E55		3-7463
French House (Desk)	W70	5-7698	
(Faculty Resident)		5-7646	
German House (Desk)	W70	5-7691	
(Faculty Resident)		5-7675	
MacGregor (Desk)	W61	131	3-1461
(Faculty Resident)		5-9140	3-1468
McCormick (Desk)	W4	151	3-5961
(Faculty Resident)		5-8106	3-5968
New House (Manager)	W70	5-7450	3-6563
(Faculty Resident)		5-7400	3-6568
Random Hall (Desk)	NW61	145	3-7563
(Faculty Resident)			3-7519
Russian House (Desk)	W70	5-7449	
(Faculty Resident)		5-7417	3-4774
Senior House (Desk)	E2,E3	121	3-3191
(Faculty Resident)		5-6206	3-2858
Spanish House (Faculty Resident)	W70	5-7400	3-6568
Tang,Westgate (Manager)	W85		3-5063
Emergency Closings			3-7669
Experimental Study Group	24-612		3-7786
Faculty Club	E52		3-4896
Financial Aid Office	5-119		3-4971
Graduate School Office	3-136		3-1776
Graduate Student Council	50-222		3-2915
Harvard			186-
Housing Information	7-133		3-4051
I.M. Supervisor	W32-133		3-7947
Information Office	7-121		3-4795
Kosher Kitchen	50-005	5-6750	3-2982
LSC Information	W20-469	5-9179	3-3791
Libraries, Information	14S-200		3-5671
Medical Department (day or night)	E23		3-1131

Nightline			3-7840
Partyline			3-3942
Placement Office	12-170		3-4733
Psychiatric Department	12-127		3-2916
Registrar's Office	E19-335		3-4784
Religious Counselors	W2a		3-2985
Student Accounts Office	E19-215		3-3850
Student Art Association	W20-429		3-7019
SCC Hotline (Partyline)			3-3942
Student Center Manager	W20-343		3-3913
Student Employment	5-119		3-4973
Student Information Processing Board	39-200		3-7788
Student Loans			3-3344
Taxis			3-2301
The Tech	W20-483		3-1541
Tech Coop	W20		19771
Technology Community Association (TCA)	W20-450		3-4885
Telephone Repair (Outside-611)	E19-741	181	3-3654
Time		175	
24 Hour Coffeehouse	W20-249	5-9188	
Undergraduate Academic Support Office			
Freshman Advising	7-103		3-6671
Undergraduate Association (UA)	W20-401	5-9157	3-2696
Weather (Outside-WEN-RAIN)		125	3-1234
Wellesley			187-

"You can't get God on the phone."

"You're telling me — I can't even get a dial tone."

— Kelly

Outside Phone Numbers

Telephone Numbers

Access Line (Counseling and Information)	661-3900
Ambulance Service	424-4073
	338-1212
American Automobile Association	738-6900
Ask the Globe	929-2990
Better Business Bureau — Questions	482-9151
— Complaints	482-9190
Boston Arts Line (Recording)	261-1660
Cambridge City Hall	498-9000
Cambridge Hospital	354-2020
Consumers' Council (Boston)	727-2605
Dental Emergency	969-6663
Directory Assistance	411
Fire Department (Cambridge)	876-0125
(Emergency)	911
Legal Aid Society (Boston)	742-8930
Legal Services (Cambridge)	492-5520
Lost and Found (Boston)	722-4100 x253
(MBTA)	722-5716
(Boston Police)	536-6700
MBTA Information (schedules)	722-5000
(service conditions)	722-5050
MIT Switchboard	253-1000
Emergency Closings	253-SNOW
Information	253-4795
Police (Cambridge)	868-3400
Emergency	911
Smithsonian Sky Report (Recording)	491-1497
Sports Scoreboard (Recording)	265-6600
Tell it to Joe (Boston Herald)	338-6550
Time and Temperature (Recording)	NER-VOUS
Weather (Recording)	WEN-RAIN
	569-1773
Women's Center	354-8807

Appendix 7 — MIT Songs

The Engineers' Drinking Song (Lady Godiva)

Words by many many people. Compose some yourself. Sung to the tune of "The Ramblin' Wreck From Georgia Tech" among others.

Godiva was a lady who through Coventry did ride
To show the royal villagers her fair and pure white hide.
The most observant man of all, an engineer of course,
Was the only man who noticed that Godiva rode a horse.

chorus:
We are, we are, we are, we are, we are the engineers.
We can, we can, we can, we can demolish forty beers.
Drink rum, drink rum, drink rum all day and come along with us.
For we don't give a damn for any old man who don't give a damn for us!

She said I've come a long, long way, and I shall go as far
With the man who takes me from this horse and leads me to a bar.
The men who took her from her steed and lead her to her beer
Were a bleary eyed surveyor and a drunken engineer.

chorus

My father was a miner from the Northern Malamute,
My mother was a mistress in a house of ill repute.
The last time that I saw them, these words rang in my ears,
"GO TO MIT YOU SON OF A BITCH AND JOIN THE ENGINEERS!!!"

chorus

Princeton's run by Wellesley, Wellesley's run by Yale
Yale is run by Vassar, and Vassar's run by tail
Harvard's run by stiff pricks, the kind you raise by hand.
But MIT's run by engineers, the finest in the land.

chorus

MIT was MIT when Harvard was a pup.
And MIT will be MIT when Harvard's time is up.
And any Harvard son of a bitch who thinks he's in our class
Can pucker up his rosy lips and kiss the beaver's ass.

chorus

I am a whore from Radcliffe and I'll fuck for fifty cents.
I'll lay may ass upon the grass, my pants upon the fence,
I'll let you rub my belly, or on Sunday fuck for free,
But get off of me, you son of a bitch, if you're from MIT.

chorus

An artsman and an Engineer once found a gallon can,
Said the artsman "Match me drink for drink, let's see if you're a man."
They drank three drinks, the artsman falls, his face was turning green,
But the Engineer drank on and said "It's only gasoline."

chorus

The Army and the Navy went out to have some fun.
They went down to the taverns where the fiery liquors run.
But all they found were empties, for the engineers had come,
And traded all their instruments for gallon kegs of rum.

chorus

Venus was a statue made entirely of stone.
Without a stitch upon her, she was naked as a bone.
On seeing that she had no clothes, an engineer discoursed:
"Why the damn things only concrete, and should be reinforced!

chorus

Rapunzel let her hair down for two suitors down below,
So one of them could grab a hold and give the old heave-ho.
The prince began to climb at once, but soon came out the worst,
For the Engineer rode the elevator and reached Rapunzel first.

chorus

Caesar set out for Egypt at the age of fifty three,
But Cleopatra's blood was warm, her heart was young and free.
And every night when Julius said goodnight at three o' clock,
There was a Roman engineer waiting just around the block!

chorus

An engineer once staggered in through the Roderick Gate,
He was carrying a load you would expect to ship by freight.
The only thing that kept him upright and on his course,
Were the boundary conditions and the coreolis force.

chorus

Ace Towing roams the streets of Cambridge each and every night,
They tow cars and stow cars and hide them out of sight;
They tried to tow Godiva's horse, the Engineers said "Hey!"
Then towed away their towing truck, and now the Ace must pay!

chorus

Sir Francis Drake and all his ships set out for Calais Bay.
They'd heard the Spanish rum fleet was headed on their way.
But the engineers had beat them by a night and half a day
And though as drunk as ptarmigans, you still could hear them say:

chorus

A maiden and an engineer were sitting in the park.
The engineer was working on some research after dark.
His scientific method was a marvel to observe —
While his right hand wrote the figures, his left hand traced the curves.

chorus

An MIT computer man got drunk one fateful night.
He opened up the console and smashed everything in sight.
And after they subdued him, the judge he stood before,
Said, "Lock him up for 20 years, he's rotten to the core!"

Take Me Back To Tech

Tune: "Solomon Levi"

Words by I.W. Litchfield '85

I wish that I were back again
At Tech on Boylston Street
Dressed in my dinky uniform,
So dapper and so neat.
I'm crazy after Calculus;
I never had enough,
It was hard to be dragged away
so young
It was horribly, awfully tough —

Chorus:
'Rah for TECHNOLOGY!
'OLOGY, Ology, oh —
Glorious old TECHNOLOGY
'Ology, 'Ology, 'Ology, 'ology.

Back to the days that were free from care,
In the 'ology Varsity shop,
With nothing to do but analyze air
In an aneometrical top;
Or the differentiation
Of the trigonometric powers
Of the constant pi that made me sigh
In those happy days of ours.

chorus

Take me back on a special train
To the Glorious Institute —
I yearn for the inspiration of
A technological toot! —
I'd shun the physical, quizzical Prof.,
And the chapel and all that; —
But how I would love to go again
On a Scientific Bat.

chorus

M-A-S-S-A-C-H-U-S-E-T-T-S
I-N-S-T-I-T-U-T-E — O-F —
T-E-C-H-N-O-L-O —
and Y comes after G
The Massachusetts Institute of
Technology.

Arise Ye Sons of MIT

Music and lyrics by John B. Wilbur '26

Arise ye sons of MIT, in loyal brotherhood.
The future beckons unto ye and life is full and good.
Arise and raise your steins on high; tonight shall ever be
A mem'ry that will never die, Ye sons of MIT

Once more thy sons, oh MIT, return from far and wide
And gather here once more to be renourished by thy side,
And as we raise our steins on high to pledge our love for thee
We join thy sons of days gone by in praise of MIT.

Oh loyal sons of MIT, when clouds of war burn red,
In foreign land, on distant sea your battle line is spread.
To you we raise our steins on high wherever you may be,
And join your voices from the sky, Ye sons of MIT

The Ballad of 5.60

(to the tune of "The Battle Hymn of the Republic")

Free energy and entropy were whirling in his brain,
With partial differentials and greek letters in their train.
With delta, sigma, gamma, theta, epsilon, and pi
Were driving him distracted as they danced before his eye.

Chorus:
Glory, glory dear old thermo
Glory, glory dear old thermo
Glory, glory dear old thermo,
We'll pass you by and by.

Heat Content and fugacity revolved within his brain
Like molecules and atoms that you never have to name.
And logarithmic functions doing cakewalks in his dreams,
And partial molar quantities devouring chocolate creams.

chorus

They asked him on the final if a mole of any gas
In a vessel with a membrane through which Hydrogen could pass
Were compressed to half its volume what the entropy would be
If two-thirds delta-sigma equalled half of delta-P.

chorus

He said he guessed the entropy would have to equal four
Unless the second law should bring it up a couple more
But then, it might be seven if the Carnot law applied,
Or it might be almost zero if the delta-T should slide.

chorus

The professor read his paper with a corrugated brow.
For he knew he'd have to grade it and he didn't quite know how.
'Till an inspiration in his cerebellum suddenly smote,
And he seized his trusty fountain pen and this is what he wrote:

Just as you have guessed the entropy, I'll have to guess your grade,
But the second law won't raise it to the mark you might have made.
For it might have been 100 if your guesses all were good,
But I think it must be zero 'till they're rightly understood.

Final chorus:
Glory, glory dear old thermo
Glory, glory dear old thermo
Glory, glory dear old thermo
We'll try again next term.

The laws of thermodynamics:
1. *You can't win.*
2. *You can't break even.*
3. *You can't get out of the game.*

— Dwight Batteau, "Stupidtheorems"

Man is the only asynchronous computer that can be mass produced by unskilled labor.
— door in 6.711 lab

Appendix 8 — Starting Your Own Activity

If you've turned to this section you've got some time. Time with which you'd like to do something different, or maybe just continue something you found fascinating at your last school. **Great!** Here at MIT you'll find a wild assortment of activities. Somewhere on campus there is probably a group of students actively pursuing your favorite pastime.

The Association of Student Activities (ASA) is here to give this diverse group unity and to help uninvolved people become involved. In the *Freshman Handbook* and the **Groups** chapter of this book, almost every activity is listed with a brief description of what it does. If this is not sufficient, visit the ASA office, Room W20-403, and read the constitutions of any group you might be interested in. When you find one, don't be shy; call up the chairman; drop in on a meeting; groups here *always* need more people who are *interested* and willing to help.

If with all of this you haven't found the activity of your dreams, **start it!** No it's not crazy or difficult — it *will* take some time and lots of enthusiasm — but it should be well worth it.

MIT is well equipped to help new groups get started. There are ways to get seed money to get you on your feet, but first you have to be an approved ASA activity.

The requirements for becoming an ASA-approved activity are not difficult to meet. A list of specifics can be obtained at the ASA office. A few criteria are:
1. The group must have at least five current MIT students as members.
2. No more than 50% of the voting membership may be non-students.
3. Membership may not be limited by considerations of race, creed, color, or sex, though voting membership may be restricted when germane to the function of that group.

To become an ASA-approved activity, a constitution must be written, stating the purpose of the organization, the definition of membership, how decisions will be made, how meetings are to be announced, approximately how often they will be held, and the election and duties of officers. For more specifics, stop by the ASA office and pick up a copy of the constitution guidelines. A petition by five current MIT students requesting that the ASA recognize the group and a list of current officers, their addresses, and phone numbers should also be submitted.

Organization

When deciding how to run your group, try to find the simplest way to achieve your purpose. Anyone from the ASA would be glad to discuss different ways of organizing your group.

Here are some major considerations in organizing your activity:
1. Try not to make any one officer's job too time consuming.
2. Do not set quorum for a meeting too high. This will only limit your ability to get things done; it will not increase attendance at your meetings.
3. Give yourself enough time to send out meeting notices well in advance; this will help increase attendance.
4. Try not to be unnecessarily bureaucratic. The less red tape an activity member has to experience in starting something new, the more innovative he is likely to be.

It is better to live rich than die rich.

— Samuel Johnson

Finances

Finances are an essential part of almost every activity — large or small. This section will briefly describe the two most basic parts of activities financing — income and expenditures. The section is written so that *any* activity, whether it has been in existence for a long time or it is just an idea in a group of people's heads, can see the available options.

Income

One source of income for any group is that of a grant from an MIT funding source. There are a large number of funding sources to be found on campus, most of which, however, are of a very specialized nature. These specialized sources, such as the Office for Minority Education, which funds minority cultural events, and the Music Department, which funds some musical organizations, are so numerous and of such narrow scopes that they will not be described here in this short introduction to financing. More information concerning these sources will follow. The two major sources of grant funds are the Undergraduate Association Finance Board (FinBoard) and the Activities Development Board (ADB). These will be explained in detail separately.

FinBoard

FinBoard, by far the largest and most acessible source of funding, has the responsibility for allocating the budget of the Undergraduate Association and the Association of Student Activities and acting as treasury for each of the undergraduate classes. The basic criteria used to allocate this buget are:
1. Amount of money available.
2. Actual and comparitive need of the organization requesting funding.
3. Comparitive value of the organization to the undergraduate community.
4. Educational value of the organization to the individual member.
5. Number of students participating in the organization.

Obtaining Funding — Existing Organizations

At the end of winter, FinBoard requires that any organization requesting funding fill out a current year's budget summary and budget proposal for the next fiscal year. This proposal includes all the expected sources of revenue (excluding the FinBoard request) and all sources of expenditures by the organization. If there is a need for funding (and there usually is), FinBoard will request that representatives of the organization come before the Board and explain their budget proposal in detail. If the Board then feels that the organization still has a legitimate need for funding, and the funding is within its guidelines, it will decide how much to give the organization by the five criteria noted above. The guidelines placed on this kind of funding are:

1. The activity must be recognized by the ASA.
2. FinBoard does not fund religious or political groups.
3. New organizations showing growth potential will recieve priority over older and more established organizations. All organizations, with the exception of community service organizations, are expected to work toward eventual self-support.
4. Large requests for capital funding are to be made through the ADB (described later).
5. Grants are to be used for competition expenses, office supplies, publicity costs, and general operating expenses. No FinBoard money is permitted to sponsor a group's internal social events (those not open to the MIT community).

Obtaining Funds — New and Existing Organizations

There are many instances in which an activity will have an unexpected need for money in the middle of the fiscal year. This includes groups that are formed during this time. Therefore, FinBoard sets aside a limited portion of its budget to be used specifically for these cases. In order to receive funds under these conditions, the organization having the need must prepare a well organized and detailed accounting of its anticipated needs up to the next fiscal budgeting period (in the spring). The organization must then request that FinBoard consider their proposal at the next meeting. If the funding is of an urgent nature, then the organization may request a special meeting of FinBoard to consider its request. The procedure will then be basically the same as that used for existing organizations in the spring, as outlined above, except that the proposal will be acted on immediately. The same guidelines and criteria mentioned above are used to determine if the request is valid. However, because of the limited amount of money available to FinBoard in the middle of a fiscal year, the grants are likely to be smaller. Any questions should be directed to the chairman of FinBoard.

ADB

The Activities Development Board (ADB) is an Institute Committee appointed by the President of MIT. Its membership of twelve is equally divided between undergraduates, graduate students, faculty, and administration. It meets as needs arise. The ADB application is particularly easy to fill out. Request forms are available in W20-345 (from the secretary, Marilyn Messenger). ADB has the responsibility of allocating its budget to organizations with a need for large capital expenditures. These might be bookshelves for the Science Fiction Society, drums for the Marching Band, or any other non-operating expenses incurred by a group that are of a one-time nature. The guidelines and criteria used by the ADB are very similar to those used by FinBoard. Often, it is helpful for the organization making the capital request to discuss the proposal with the FinBoard chairman or the organization's liaison to FinBoard. The chairman could then write a letter of support for the proposal to the ADB.

Fund Raising

It is both expected and looked upon favorably by any funding source such as FinBoard or the ADB that every organization (except for community service organizations) attempt to raise funds through its own efforts. The following are suggestions as to feasible fund raising projects which can provide good returns on invested time. These project ideas are necessarily weighted towards non-business types and organizations.

1. *Bake Sales* — These are by far the easiest and quickest ways to go about fund raising. With a very small initial investment in baking materials, an organization can expect to make a three to four hundred percent profit. The most successful bake sales have usually been those whose organization has asked its members to donate one baked good (such as a pan of brownies) and then to sell those baked goods in Lobby 10 in the morning and very early afternoon. Space in Lobby 10 can be reserved through the Undergraduate Association office simply by asking for it. Call the UA Secretary at x3-2696.
2. *Food Sales* — Sales of items such as submarine sandwiches, salads, or other quick meal types of food are also usually very sucessful around campus. Often *net* income of three or four hundred dollars can be realized from a single week's effort in this area. Loans from FinBoard are always easily available to cover the initial costs of these sales. For further information on local wholesale distributors and merchants to provide the ingredients for those sales, contact the ASA office.
3. *Specialized Projects* — Often organizations will sell merchandise or push events of a nature very particular to its own acitivties. Examples are the Frisbee Club's selling MIT insignia frisbees, a music organization putting on a concert, and large projects such as the Black Student Union's scheduling a nationally known artist to perform on campus. These projects usually take a considerable amount of initial capital and effort in planning. If this planning and organization are done properly, with an extraordinary effort involved by the group, and if the project seems reasonable, loans to help cover the setup costs can usually be obtained from FinBoard. These types of projects are usually the most successful if they are planned at all stages of their evolution, in careful cooperation with the FinBoard liaison to the group.
4. *Dues* — Dues can be assessed to members of the organization to provide initial working capital. However, dues usually discourage membership and are not always a good idea for a new group unless it is providing a special service to their members. In general, dues should be made as small as possible.

Any mathematical trick that's been used at least twice becomes a method.
— George B. Thomas

Expenditures

The second most important aspect of an organization's finances is keeping track of its expenses. There are many different ways to perform this operation, but they all usually involve keeping some form of hard bound book or ring binder. The best way for an organization to set up its books is to consult with the Undergraduate Association's accountant located in the FinBoard office, room W20-405, because each organization's needs are different.

Publicity

Even though publicity is probably not the first thing considered by a new group, it is vital for the group's success. The publicity can be used to gain membership or to advertise an upcoming event that your group is sponsoring.

Newspapers provide a fairly cheap and easy way to reach many people. The only requirement is a little imagination in catching the reader's eye.

The Tech

The Tech (W20-483,x3-1541) is the student paper with the widest circulation. It is published on Tuesdays and Fridays throughout the term.

1. *Notes* — write out the date, time, place, and other pertinent information for an event or meeting and mail or give it to a News Editor of *The Tech*. It must be in two days before the issue is published (at 5pm). The **Notes** column is published on a space available basis. Therefore notes are *never* guaranteed to run. Priority *is* given to MIT-related notices and free events. Cost: free.

2. *Display Ads* — These ads can be in any form you want. Either hand in camera-ready copy or have *The Tech* typeset your ad. The ad must be completed two days before the issue is published (at 5pm). There *is* an ASA student activity discount. For rates, call *The Tech*.

Tech Talk

Tech Talk (5-113,x3-3270) is the official newspaper of the Institute and is published every Wednesday.

1. *Calendar* and *Announcements* — write out the date, time, place and other pertinent information for an event or meeting and give the information to the editors at the *Tech Talk* office. The deadline for these items is Friday at noon.

2. *Articles* — The *Tech Talk* staff will help you write your article describing your event. The deadline is more flexible, but it must be completed by Tuesday afternoon, so that it can be included in the next day's issue. However, *Tech Talk* will not always publish articles submitted.

The Preview is a social newletter designed to give short, concise descriptions of social happenings and other events at MIT, in Boston, and at neighboring schools. Write out the essential details of your event and leave it in *The Preview* folder in the Undergraduate Association Office, W20-402.

God made integers, all else is the work of man.

— Leopold Kronecker

Lecture Series Committee

LSC (W20-469,x3-3791) is a student-run organization that is best known for the movies that it shows every weekend. They have a large publicity department which often does work for other organizations.

Slides describing your event/meeting will be shown at every LSC movie showing all weekend. Either give the information to the main office and the slide will be typed, or submit camera ready copy for the slide. Cost: $20. Deadline: Thursday at noon. Cost if late: $25 but not guaranteed to be shown.

Flyers, posters, and *invitations* any size up to 17x22" can be printed at LSC. Paper from index stock to MIT bond in a spectrum of colors is available. Typesetting can be done at LSC or *The Tech,* or camera ready copy can be submitted. Prices are negotiable. Contact the LSC office or the LSC Publicity Director.

Other Printers

1. Graphic Arts — Located at MIT. Convenient for Xeroxing. Call x3-3883 or x3-4765 for further information.

2. Copy Cop (815BoylstonStBoston,267-9207) — Good for smaller jobs (on the order of 1000 copies or less). They are fairly fast and will make copies while you wait if you come before 3:45pm.

3. Gnomon Copy (1304MassAvHarvardSq,491-1165) — Good all-around service, but there is a wait of 24-48 hours. They will do good offset printing in color.

4. Copyquik (1230MassAvCambridge,864-1856) — Good service that provides typesetting as well as printing service. They will also help you design your copy.

Large Scale Mailings

Mailings to prospective members or people who will participate in your event provides a more personal touch that may get a response. However, the cost of a mailing is greater than that for other forms of advertising.

Address labels for the undergraduate population can be purchased from the Registrar (E19-335,x3-4784) for $30 per class. However, written permission must first be obtained from the Dean for Student Affairs (7-133,x3-6776). To save time it is a good idea to deliver bundles to dormitories and fraternities personally, because MIT mail will take considerably longer. It is also a good idea to ask to do the stuffings, to make sure the mailing gets into the mailboxes.

Mailings to the incoming freshmen is a good idea to attract new members. Labels for all of the incoming freshmen can be obtained in May from the Undergraduate Academic Support Office (7-105,x3-6671). This office also sends a packet to the freshmen over the summer, which allows an organization to reach all of the freshmen at a much lower cost.

Drop Poster

Drop posters are long vertical posters hanging down from the second or third floor of Lobby 7. Such a poster is a good way to publicize an event, since it takes some effort to ignore them while walking through Lobby 7. A drop poster takes about 30 feet of paper, some paint, and permission from the Lobby 7 Coordinator. TCA (W20-450,x3-4885) sells paper at $.10/foot. APO (W20-415,x3-3788) sells paper as well as paint. The Lobby 7 Coordinator is Sue Laing (7-145, x3-4400).

Facilities

Any organization needs some space in which to function. The need for space comes in two forms. Either the organization needs office space to carry out its basic function or it needs space for its events.

Common sense is not so common.

— Voltaire

Office Space

Office space is available through the ASA. Since there is not an abundance of space, a need for the space must be presented. The ASA uses need and the amount of student participation as guidelines for assigning the available space. If there is no other office space available, your organization can be assigned to the small activities room, W20-437 in the Student Center.

Event Space

There are many different possible places to have your meetings, parties, performances, or other social events.

There are a number of rooms in the Student Center available for a wide variety of functions. The rooms are all scheduled in Dean Holden's office (W20-345,x3-7974). The scheduling book is located there so that you can see if the room you want is available. Following is a list of potentially available rooms:

1. *Sala de Puerto Rico* — very large, spacious room, excellent for parties.
2. *Mezz Lounge, West Lounge* — Carpeted rooms, probably best suited for meetings.
3. *407, 491, 473* — Open rooms adaptable to meetings, dancing, and similar small events.

Kresge Auditorium is the place with the largest seating capacity on campus. It is used for movies, bands, the orchestra, and lectures. The scheduling for the auditorium is done in March for the coming school year and is booked fairly solidly. In addition to the auditorium, there is a *Little Theatre* and two rehearsal rooms. All of these facilities are scheduled by Dean Holden's office.

Classrooms are also available for use when classes are not scheduled. These rooms are scheduled through the Schedules Office (E19-338,x3-4788).

DuPont Gymnasium, Briggs Field, and *Rockwell Cage* are available but very hard to obtain. Activities must yield to Physical Education classes, varsity and club sports, and intramural events. If you can schedule yourself around these activities, arrangements can be made by calling x3-4916.

Most dormitories have a room that is fairly large. It is possible to rent these rooms at a nominal cost. To find out more information, call the dormitory's desk

The *Bush Room* (10-105) is a large, comfortable room suited for luncheon or dinner meetings. There are kitchen facilities available as part of the room. Reservations can be made through the Alumni Office (10-110,x3-8201).

. . . and so, the science of genetics has made tremendous gains. For instance, statistical studies have shown that chances are that if your parents didn't have children, you won't either.

— a 9th grade biology report.

Appendix 9 — MIT History

I doubt not that such a nucleus-school would, with the growth of this active and knowledge seeking community, finally expand into a great institution comprehending the whole field of physical science and the arts with the auxiliary branches of mathematics and modern languages . . .

— William Barton Rogers, 1846

In 1835 William Barton Rogers was elected to the professorship of Natural Philosophy at the University of Virginia, a chair founded by Thomas Jefferson only ten years before. Rodgers, a graduate of William and Mary College, was intensely involved in the emerging science of geology, although he had an enduring interest in all scientific subjects.

During Rogers' eighteen years at the University of Virginia, he became increasingly troubled by bigotry, anti-intellectualism, and sporadic support from the state. In 1845, Rogers, then chairman of the Faculty, was shaken by severe rioting and a decision to close the school for a week.

He had gone on a geological expedition to New England, as well as to meetings in Boston of the Association of American Geologists and Naturalists (later the American Association for the Advancement of Science). He wrote of the "contrast between the region in which I live and the highly cultivated nature and society of glorious New England." Dr. Rogers felt that in the advanced intellectual and industrial climate of Boston a new type of education could be fostered. He left Virginia in 1853 to move here. His dreams finally achieved substance when, on April 10, 1861, the governor of the Commonwealth of Massachusetts signed the act to incorporate the Massachusetts Institute of Technology. Four days later Fort Sumter was attacked (the two events were probably not related). Although the Civil War impeded Rogers' plan, construction of MIT's first building began in 1863, in a landfill area of the Back Bay, in the estuary of the Charles River.

On February 20, 1865, the first class of fifteen students finally entered. President Rogers taught Physics, as part of a six-man faculty. These first years proved a tribulation on Rogers' health, and in 1868 he had a slight stroke. John D. Runkle was appointed Acting President, and in 1870, upon Dr. Rogers' resignation, succeeded him. Runkle's presidency saw the gradual development of MIT into "Boston Tech". Fiscal problems still plagued the struggling Institute however, and at one time MIT came perilously close to becoming part of Harvard. Harvard's President Eliot developed a plan to merge the two schools, which was resisted by Runkle and the MIT Corporation. Problems with money continued, however, and in 1873 tuition was doubled (to $200!). President Runkle resigned in 1878, and taught mathematics until 1902.

Following John Runkle, Brigadier General Francis A. Walker became president in 1881. In 1882 , he asked William Rogers, then rather old and frail, to award diplomas

at the May graduation exercises. Dr. Rogers' health was still poor, and this final tax on his strength proved too much; he collapsed on the podium and died.

MIT continued to grow during the latter part of the nineteenth century, and by 1900 there were 1277 students entered at the Institute. In 1906 it became apparent that MIT was fast outgrowing its Copley Square lodgings, despite the addition of several new buildings. A site committee was formed to search for "Technology's new home." Plans ranged from a golf course in Allston to building an island in the Charles River, until the current site in Cambridge was settled upon. Excavations for the buildings began in September 1913, and the first of 25,000 piles were driven into Cambridge soil on December fourth of that year.

A neo-classical motif was chosen by designer William Welles Bosworth '89 who could hardly contain himself with his plans for "a great white city of majestic proportions that will fitly express the noble ideas of its purpose and the dignity of its work." The central feature of the new complex was to become the great dome, towering 147 feet above street level. Five thousand tons of steel and fifty thousand cubic yards of concrete later, the new Technology was complete.

During its first 60 years, MIT's curriculum was based almost exclusively on architecture and engineering. In 1930 President Karl T. Compton undertook to strengthen the position of science at MIT and to encourage the growth of the graduate school. During the next decade there was a steady increase in both graduate work and research. World War II brought a rapid expansion of research programs and the establishment of the Radiation Laboratory, a major center for the American development of radar. In the national interest the Institute assumed management of major research enterprises such as the Instrumentation Laboratory during the war. These programs fostered a close working cooperation between the Government and the Institute, showing the way for the development of such facilities as the Research Laboratory of Electronics and the Laboratory for Nuclear Science.

When the war ended, MIT continued to hold a central position in education and research pertinent to the fastest-growing areas of the American economy. To its traditional curricula in architecture, engineering and science, the Institute has since added programs in management, economics, political science, psychology, industrial relations and linguistics. Its four-year humanities program for engineering undergraduates is unusual in engineering education, and its four-year double major in the humanities and science or engineering is unique among American universities. MIT's research programs in the social sciences include the Center for International Studies, and there is close cooperation with Harvard University in the operation of the Joint Center for Urban Studies, and the new Biomedical Engineering Program.

Shortly after World War II student enrollment at MIT reached 5000 and since then has continued to increase. Today the MIT campus covers more than 128 acres extending for more than a mile along the Charles River. It is a community of more than 16,000 people, including more than 8500 students, 1000 faculty members and full-time teaching staff, 2000 members of the professional research and administrative staff and 5000 supervisory, clerical, technical and service employees.

The Institute's departments operate more than 70 laboratories on the campus, among them a growing number of interdepartmental laboratories where students and staff from different fields work on problems of mutual interest. The Lincoln Laboratory in Lexington is operated for the Government as a center for defense-related research in electronics and communications. The Charles Stark Draper Laboratory in Cambridge is devoted to the development of flight control and navigation equipment; the nearby Bitter National Magnet Laboratory provides the world's strongest continuous magnetic fields for research on magnetism and basic properties of materials.

MIT was among the first universities to establish programs of study in applied physics, meteorology, food technology, naval architecture and marine engineering, and electrical, aeronautical and sanitary engineering. The Institute was a leader in developing the modern profession of chemical engineering, and the nation's first degree in architecture was given here.

Books on the History of MIT

M.I.T. in Perspective, by Francis E. Wylie. Little, Brown & Co., Boston, 1975. A glossy coffee-table account of the accomplishments of MIT and its progeny; not comprehensive, but interesting, with lots of pretty pictures.

The Life and Letters of William Barton Rogers is a book in two volumes edited by his wife with the assistance of William T. Sedgwick. Houghton-Mifflin Company, Boston and New York, 1896. The definitive biography of MIT's founder.

Richard Cockburn MacLaurin, by Henry Greenleaf Pearson, is a biography of MIT's sixth president. MacMillan Company, New York, 1937.

Technology's War Record is an interpretation of the contribution made by MIT, its staff, former students and undergraduates to the cause of the Allies in World War I. Published by the War Records Committee of the MIT Alumni Association, 1920.

Q.E.D.:MIT in World War II, by John E. Burchard. The Technology Press, 1948.

Mid-Century: The Social Implications of Scientific Progress, by John E. Burchard. The Technology Press and John Wiley & Sons, Inc., New York, 1950. A verbatim account of MIT's great Mid-Century Convocation, March 31 and April 1-2, 1949.

When MIT Was Boston Tech, by C. Samuel Prescott. The Technology Press, Cambridge, 1954. A history of MIT from its founding in 1861 through its move to Cambridge in 1916.

Scientists Against Time, by James Phinney Baxter III. MIT Press, 1968. An account of the scientific developments of World War II, with a large section on the activities of the Radiation Labs.

Pieces of the Action, by Vannevar Bush. An account of the author's experiences with regard to several technological advances, including basic work leading to the development of the computer. This book is not really about MIT, but it does reflect the activities of one of the Institute's leading figures.

For more information on MIT's history, contact the MIT Museum (x3-4444).

Appendix 10 — MIT Publications

List of MIT Publications

Educational Programs and Instruction

The *General Catalogue Issue* of the *MIT Bulletin*, published annually about September 1. Contains descriptive material about the Institute, about undergraduate and graduate educational opportunities, and about departmental and interdepartmental activities. Intended for prospective students and others wanting information about MIT. (Information Center,7-121).

The *Courses and Degree Programs Issue* of the *MIT Bulletin,* published annually about August 1. Contains information on general Institute requirements, general requirements for graduate degrees, interdisciplinary study and research, departmental programs and requirements, and descriptions of subjects. Intended for use by faculty and students at MIT. (Information Center,7-121).

The *Summer Session Catalogue Issue* of the *MIT Bulletin,* published annually in February. Complete information concerning academic activities during the Summer Session. (Information Center,7-121).

The *Guide to IAP Activities.* This catalogue of activities taking place during the January Independent Activities Period is published twice each year. The first or preliminary issue appears just before Thanksgiving, and the final guide is issued just before Christmas. Copies are distributed in the lobbies of major campus buildings and can be obtained from the Information Center (7-121).

The *Undergraduate Research Opportunities Program Directory* contains information for undergraduate students for participating with MIT faculty members in a wide range of research and project activities both on and off campus. (Information Center,7-121; UROP Office,20B-141).

Undergraduate Seminar Program. A booklet published every spring term describing seminars being offered. Fall term seminars are described in the *Freshman Handbook.* (Undergraduate Seminar Office,7-105).

MIT Today, an interpretive description of the Institute planned especially for prospective undergraduate students. (Admissions Office,3-108)

The *Freshman Handbook,* detailed descriptions of first-year subjects, including seminars, and of registration and counseling procedures for members of the freshman class. It includes information about residence, athletic and extra-curricular activities. (Undergraduate Academic Support Office,7-103).

The *Freshman Picturebook* contains pictures of the freshman class. (Technology Community Association,W20-450).

Rules and Regulations of the Faculty is the official statement of the organization and operation of the faculty, its rules and regulations. Published by the Registrar's Office. (Information Office,7-121).

Class Schedules and *Typical Course Schedules,* published prior to each term. (Registrar's Office,E19-335).

The *Guide for Undergraduates and Faculty Counselors.* This booklet, published by the Committee on Academic Performance every year, is intended to be a summary of information concerning the grading system, Institute requirements, various registration procedures, and other administrative aspects of MIT, including detailed information concerning policies and procedures followed by the CAP. (Information Center,7-121; CAP Office,7-101).

The *Graduate School Manual,* the definitive statement of organization, policies, and procedures applicable to graduate instruction. (Dean of the Graduate School, 3-136).

The *Degrees Awarded* publication contains names of persons receiving various degrees awarded by MIT. Published every September, Feburary, and June. (Registrar's Office,E19-335).

The *Wellesley-MIT Exchange: Guide for MIT Students,* summarizing procedures for participating in the program on the Wellesley campus, published in December and April of each year. (Information Center,7-121).

MIT Press Catalog, plus several supplements, lists and describes the books published each year. (MIT Press,E32,x3-7297).

Publications and Theses lists all professional publications, books and reviews by the staff, as well as laboratory, technical reports and theses for masters', doctors' and engineers' degrees. It is cross-referenced according to subject and author, and is a good place to look for an interesting project idea. Issued by the Publications Office.(Information Office,7-121).

Annual Reports

The *Report of the President and the Chancellor,* to the MIT Corporation, first published 1871-72, published annually in *Tech Talk* about November 1. A larger edition, including the reports of the deans, department heads, vice presidents, and heads of major laboratories, is published later in the month. (Information Center (7-121).

The *Report of the Treasurer* to the MIT Corporation, published annually in October. A report of operations, gifts, plant facilities, and investments for the preceding fiscal year. (Comptroller's Accounting Office,E19-572).

Benefit Plans and Personnel Policies

The *Benefits Program for Faculty and Staff,* a summary of insurance, health services, retirement plans, and other staff benefit programs. (Benefits Section of the Office of Personnel Relations,E19-291).

Major Medical Insurance, details of the major medical expense coverage. (Benefits Section of the Office of Personnel Relations,E19-291).

The *Children's Scholarship Plan,* a leaflet describing the assistance available to members of the faculty and staff with children in college. (Benefits Section of the Office of Personnel Relations,E19-291).

Administrative Policies

Purchasing Policy and Procedures, a brief handbook on purchasing regulations. (Director of Purchasing,E18-360).

Catalogue of Laboratory Supplies and *Electronic Stockroom Catalogue,* price lists of supplies and equipment regularly stocked by the Office of Laboratory Supplies. (Office of Laboratory Supplies,4-364).

Catalogue of Office Supplies and Furniture, price list of supplies regularly stocked by the Office of Laboratory Supplies. (Office of Laboratory Supplies,4-364).

Petty Cash Policy, instructions for supervisors who wish to maintain a petty cash account. (Comptroller,E19-572).

Accident Prevention Guide, a handbook on safe procedures for handling chemicals, machinery, and other materials. (Safety Engineer,E19-207).

Guide for the Preparation and Submission of Research Proposals, a guide prepared to assist faculty members in the preparation of proposals for externally sponsored research programs and to facilitate the administrative review and transmittal of such proposals. (Office of Sponsored Programs,E19-702).

Guide to MIT's Administrative Offices, a guide to office procedures at the Institute. (Office of Personnel Development,E18-320).

Travel Expense Policies, policies and procedures covering reimbursement of travel expenses incurred in the performance of Institute business. (Comptroller,E19-572).

Directories

These directories are intended for authorized use by Institute personnel only. They should not be made available for advertising, placement, or other commercial use.

Institute Telephone Directory, office and home telephones and addresses of faculty, staff, and employees, published in the late fall. (Telecommunications Office and the Mail Room,E19-741,24-007).

The *Student Directory,* term addresses and telephones, home addresses, and class and course information, published in October. (Information Center,7-121).

The *Directory of Foreign Students.* (Information Center,7-121).

The *Directory of Foreign Staff,* published in November. (Information Center,7-121).

The *Alumni Register,* a complete roster of all former students, published periodically. (Alumni Association,E19-439).

Periodical Publications

Tech Talk is published every Wednesday by the News Office (5-111,x3-2701). This is the MIT community newspaper, directed at students, faculty, staff and visitors. It has absorbed the Institute Calendar, which lists up-coming events.

Technology Review is published monthly except July, September and November by the Alumni Association. It carries articles on social issues and contemporary technology, in addition to news about alumni and MIT.

Reports on Research is published nine times a year through the MIT News Office and contains (strangely enough) brief descriptions of a few current research projects. Often published as part of *Tech Talk.*

Guides

A Walk Around MIT, a map, guide, and digest of general information about MIT. (Information Center,7-121).

The *Guide to the MIT Libraries,* a description of library facilities and how to use them. (Director of Libraries,14S-200).

The *Guide for the Handicapped,* a map, guide, and digest of general information about MIT especially for the physically handicapped. Provided by the Planning Office. (Information Office,7-121).

The *MIT Tactual Map,* a map of the MIT campus for the non-sighted, including a braille directory and an audio cassette describing the map's use. (Planning Office,E19-451).

You and MIT, a handbook of general information for new employees in the hourly and biweekly categories. (Office of Personnel Relations,E19-291).

Student Life and Activities

HoToGAMIT (How To Get Around MIT) is useful to all new members of the Institute community. It provides an comprehensive introduction to the Boston area, as well as student life at the Institute. $3 from Technology Community Association (W20-450).

Undergraduate Residence at MIT has material on undergraduate living groups (prepared by the living groups themselves). It is published annually by the Undergraduate Academic Support Office (7-103) and mailed out to incoming freshmen.

Graduate Residence, describing residence facilities available to graduate students, published annually in the spring. (Dean for Student Affairs,7-133).

Cross Index to MIT Publications

Administration — *Guide to MIT's Administrative Offices*
Guide for Undergraduates and Faculty Counselors
Alumni — *Alumni Register*
Degrees Awarded
Annual Reports — *Report of the President and the Chancellor*
Report of the Treasurer
Athletics — *Freshman Handbook*
MIT Campus — *A Walk around MIT*
Class Schedules — *Class Schedules and Typical Course Schedules*
Committee on Academic Performance — *Guide for Undergraduates and Faculty Counselors*
Co-op (Cooperatives with industry) — *Courses and Degree Programs*
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Rules and Regulations of the Faculty
Counseling — *Freshman Handbook*
Counselors, Faculty — *Guide for Undergraduates and Faculty Counselors*
Freshman Handbook
Courses, Choosing — *Course Evaluation Guide*
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Guide for Undergraduates and Faculty Counselors
Report of the President and the Chancellor

Employee Benefits — *You and MIT*
Benefit Programs for Faculty and Staff
Children's Scholarship Plan

Employment, Finding — *Placement Manual*

Events, Calendar of — *Tech Talk*

Extracurricular Activities — *Freshman Handbook*

Faculty, Listings of — *Courses and Degree Programs*
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Guide for Undergraduates and Faculty Counselors

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Rules and Regulations of the Faculty

Graduate School — *Graduate School Manual*

Handicapped — *Guide for the Handicapped*
MIT Tactual Map

Housing — *see* Residence

Independent Activities Period — *Guide to IAP Activities*

Insurance, Medical — *Major Medical Insurance Benefits Program for Faculty and Staff*

Interdepartmental Activities — *General Catalog Issue*
Report of the President and the Chancellor

Interdisciplinary Study — *Courses and Degree Programs Issue*

Lab Supplies and Equipment — *Catalog of Laboratory Supplies*
Electronic Stockroom Catalog

Libraries — *Guide to the MIT Libraries*

Pictures, Freshman — *Freshman Picturebook*

Preprofessional Advising — *Guide for Undergraduates and Faculty Counselors*

Purchasing, Institute — *Purchasing Policy and Procedures*
Petty Cash Policy

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A good many things go around in the dark besides Santa Claus.

— Herbert Hoover

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QUOTES

Electrical Engineering is yucky-poo.

— Priscilla Harrel

There are no foolish questions, and no man becomes a fool until he has stopped asking questions.

— Charles P. Steinmetz

It's a good thing we only have eight terms at the Institute. We only have nine lives, you know.

— *thursday*

In order to get at the cleavage, you first have to cool them down low enough and you can get rid of the slip.

— Course 3 Professor

Had I been present at the Creation, I would have given some useful hints for a better ordering of the Universe.

— King Alphonso the Learned, upon hearing an explanation of astronomy according to Plato

"No smoking. As long as the computers in this room cooperate, please do also."

— sign on a PDP-6

The theory of probabilities is at bottom nothing but common sense reduced to calculus.

— Pierre Simon de LaPlace

I'm going to get so plastered that I could fix New House.

— student reflecting on thesis completion.

This thesis remains firm: Good is the Evil which is permitted.

— William Busch.

"Reeling and Writhing, of course, to begin with," The Mock Turtle replied, "and the different branches of Arithmetic — Ambition, Distraction, Uglification and Derision."

— Lewis Caroll

Two and two continue to make four, in spite of the whine of the amateur for three, or the cry of the critic for five.

— James MacNeil Whistler

Give me chastity and continence, but not just now.

— St. Augustine

NOTES

NOTES

HoToGAMIT 14 Feedback Sheet

WE NEED YOUR SUGGESTIONS

1. What have you found incorrect or misleading? (please give page number)
2. What seems unnecessary? What should be added?
3. What other comments do you have?

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Technology Community Association
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Massachusetts Institute of Technology
Cambridge MA 02139

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